

REVISED DRAFT

2023 Capital Project Requests

**Report of the
Westchester County Planning Board**

July 5, 2022

George Latimer
County Executive

Richard Hyman
Chair
Westchester County Planning Board

WESTCHESTER COUNTY EXECUTIVE

George Latimer

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2023 CAPITAL PROJECT REQUESTS

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Note: Westchester County's Five Year Capital Program can be viewed online at the County's website at westchestergov.com on the Budget Department's page.

WESTCHESTER COUNTY PLANNING BOARD
PLANNING REPORT RESOURCES

The following is a list of the major plans and reports that provide guidance in establishing and reviewing the annual capital program:

Westchester 2025—Context for County and Municipal Planning and Policies to Guide County Planning Patterns for Westchester: The Land and the People

Greenprint for a Sustainable Future (Westchester County Greenway Compact Plan)

Other policies adopted by the Westchester County Planning Board on: Design and Visual Quality, Steep Slopes, Open Space and Model Zoning Provisions for Affordable Affirmatively Furthering Fair Housing Units

Valhalla Campus Master Plan-Grasslands Master Plan Update (1985)

Valhalla Campus at Grasslands Reservation Master Plan (Draft Revised 2008)

Study-Addition/Renovation-Emergency Services Center (2002)

Airport Layout Plan (Last revised 2005)

Dept. of Parks Recreation and Conservation Master Plan Phase I (1998)

Dept. of Parks Recreation and Conservation Master Plan Phase II (2003)

Playland Master Plan (2006)

Other individual facility and park plans

RATING CODE FOR CAPITAL PROJECT REVIEW

Each Capital Project proposal reviewed by the Planning Board is rated by a numerical code designation. The code indicates the Board's concern regarding further review of design plans based on the physical planning aspects of the project.

Project ratings are as follows:

- 1 - **A project without physical planning aspects of concern to the Planning Board.** Projects rated "1" are those having little or no impact on the physical surroundings of site or structure as indicated by the Planning Board review. Examples of such projects are re-paving, pulling utility or communications wires through existing conduit, or replacement of bridge decking.
 - 2 - **Approved in concept, subject to review when more detailed studies or plans are prepared.** A "2" rating is given to those projects having physical planning aspects requiring design review, including, if applicable, review of the site plan, building plan and specifications, coordination with other projects, (Capital or not) and other County development concerns such as "**Westchester 2025**" policies, environmental impact, or local planning objectives.
 - 3 - **Hold; approval at this time would be premature.** The "3" rating is given to those projects presented with inadequate documentation of need, scope, programming, location, impact or cost/benefit analysis.
- HP - **Historic Preservation Implications.** This designation following one of the above ratings indicates that the project has historic preservation implications and will be reviewed by the Planning Department staff, the Westchester County Historic Preservation Advisory Committee (HPAC) and the New York State Historic Preservation Office as needed.

STORMWATER MANAGEMENT REFERENCES AND DESCRIPTIONS

Throughout this report, reference is made to various stormwater issues and programs. The following is intended as a resource for report readers in understanding the terms and programs discussed in this report. The County has always strived to meet or exceed the minimum standards for environmental protection.

Stormwater Management

Polluted stormwater runoff is often transported to municipal separate storm sewer systems (MS4s) and ultimately discharged into local rivers and streams without treatment. Common pollutants include oil and grease from roadways, pesticides from lawns, sediment from construction sites, and trash discarded along roadways. These pollutants can impair waterways, discouraging recreational use of the resource, contaminating drinking water supplies, and degrading the habitat for fish, other aquatic organisms, and wildlife.

The EPA created a permit program (commonly referred to as the “Phase II” or “MS4” permit) to reduce stormwater pollutants discharged from small MS4s. In New York, the Phase II program is administered by the New York State Department of Environmental Conservation under its State Pollutant Discharge Elimination System (SPDES) permit program, requiring regulated entities (all Westchester municipalities, including the County, are regulated under the program) to conduct activities in six categories, called Minimum Control Measures. The MS4 SPDES permit also includes heightened standards for certain watersheds where specific pollutants have been identified as a significant source of impairment. In Westchester, all regulated municipalities, including the County, within the Croton Watershed are subject to heightened requirements to reduce phosphorus from stormwater runoff. Similar requirements are anticipated for nitrogen in the Long Island Sound watershed.

Further, with respect to stormwater management and water quality, Executive Order 8-2007 restricts the use of phosphorus fertilizer on County property and Executive Order 1-2009 is intended to reduce stormwater pollutants from County property by adhering to higher development standards and employing best management practices (BMPs) to reduce stormwater pollution and improve stormwater water quality. The County actively addresses stormwater management through its capital program, incorporating BMPs and retrofitting facilities to reduce the volume and improve the quality of stormwater runoff. The County encourages the incorporation of low impact development techniques into land development projects and offers information, workshops and resources to promote these and other techniques related to water quality protection. The County uses the New York State Stormwater Management Design Manual as a reference for detailed stormwater practice design, though the County applies this to all land development activity, regardless of the amount of land disturbance (the state has a minimum one-acre threshold).

For more information, visit:

Westchester County: <https://planning.westchestergov.com/environment/stormwater-management>

NYS DEC: <http://www.dec.ny.gov/chemical/8468.html>

EPA: <https://www.epa.gov/npdes/stormwater-discharges-municipal-sources>

The Low Impact Development Center: <https://lowimpactdevelopment.org/>

The Center for Water Protection: <https://www.cwp.org>

Erosion and Sediment Control

While erosion and sedimentation is a natural process, land disturbance and development activity can greatly increase erosion and sedimentation (by factors of hundreds or even thousands over natural conditions) and have been identified as significant sources of water pollution and environmental degradation. Erosion releases excess nutrients and pollutants into streams, ponds and wetlands, and sedimentation increases turbidity in water and can change the locations of stream channels and the functioning of floodplains. For these reasons, particular attention must be paid to properly designing sites and plans to minimize erosion and sedimentation associated with land disturbance activities. The County has created standards and policies to minimize erosion and sedimentation from land disturbance activities, many of which are included in Executive Order 1-2009 to guide the site design process. More detailed standards and specifications are included in the New York State Standards and Specifications for Erosion and Sediment Controls, held as a standard by the County for design and construction. It is available on the DEC website at <https://www.dec.ny.gov/chemical/29066.html>.

Flooding

Stormwater runoff from impervious surfaces contributes to flooding. The County has a number of programs to address flooding and flood damage. The Department of Planning has developed guidance materials and held workshops on how flooding and flood damage can be reduced through land use regulations and planning. Leveraging County funds and technical services with grant funding from a variety of sources, the County actively addresses stormwater management and flooding through its capital program by constructing best management practices to reduce the volume and improve the quality of stormwater runoff from its facilities. The County Stream Control Law, administered by the Department of Public Works, requires a permit for land development activity for certain regulated streams within the county. In 2011, The County Board of Legislators enacted the Stormwater Management Law which authorizes the Commissioner of Planning in consultation with the Commissioner of Public Works and Transportation to prepare reconnaissance plans for each of the watersheds in Westchester County for the purpose of identifying areas of flooding and to recommend improvements and regulatory changes to help alleviate flooding and reduce flood damage throughout the County. The law also created a program providing County funding assistance to local municipalities to address flood problem areas identified in the reconnaissance plans.

For more information, visit:

Westchester County: <https://planning.westchestergov.com/environment/flooding>

NYS Department of Environmental Conservation: <http://www.dec.ny.gov/lands/24267.html> FEMA:

<https://www.fema.gov/floodplain-management> and www.floodsmart.gov

National Oceanic and Atmospheric Administration: <http://www.noaa.gov/topic-tags/flooding> and

<https://coast.noaa.gov/digitalcoast/>

Association of State Floodplain Managers: www.floods.org

Hazard Mitigation

The County works collaboratively among its departments and with local municipalities to identify and evaluate vulnerabilities to a variety of natural and man-made hazards. Strategies to address these hazards are included in the countywide hazard mitigation plan, which can be reviewed at <https://planning.westchestergov.com/hazard-mitigation-planning/hazard-mitigation-plan-downloads>. Hazard mitigation plans must be prepared to standards set by FEMA and are required to be updated annually in order to be eligible for many FEMA grant programs.

For more information, visit:

Westchester

County: www.westchestergov.com/hazardmitigation NYS

Department of Homeland Security and Emergency

Services:

<http://www.dhses.ny.gov/recovery/mitigation/plan.cfm>

FEMA: <https://www.fema.gov/hazard-mitigation-planning#>

BRIDGE CONDITION RATING AND PAVEMENT CONDITION INDEX

To better understand the need for bridge and road paving projects, the Department of Public Works and Transportation (DPWT) should provide updated inspection and condition information as NYS Bridge Condition Rating and Pavement Condition Index (PCI) information are often several years old and may be supplemented by more recent DPWT inspections which are currently not provided to the Planning Board. Such additional information would help better reflect the need and priority of these projects.

PARKING LOT AND GARAGE RECOMMENDATIONS

In considering expenditures for the creation of new, or the rehabilitation of existing, parking lots or garages, County Departments should consider the following recommendations:

Cost Per Space: all parking projects should show the cost per space figure to help better understand the actual cost of the project.

Transportation Demand Management (TDM) Plans: Departments requesting funding for parking infrastructure should develop accompanying TDM plans to reduce single occupancy vehicle (SOV) use by 1% per year. There should be a cap on the number of parking spaces; future personnel increases should be accommodated through other transportation modes.

Intelligent Parking Systems: Sensors should be installed at every parking space to show occupancy. Displays showing vacant and occupied parking space locations should be presented to drivers upon entering lots, hastening their time locating a space. Data should be shared with third-party applications to direct drivers prior to arrival at the parking facility. Data should be compiled to determine parking census usage by day and hour. Similar systems should also be used for garages storing all county vehicles including non-cars.

Carpool Support Systems: Employees who carpool should be given tags for their vehicles identifiable with sensors to verify carpooling. TDM incentive structures should be implemented using this technology.

Pricing Parking: Parking for all parking lot users should be priced to dis-incentivize driving and meet the TDM reduction goal. Pricing for carpools should be lower than single-occupancy vehicles. Pricing should always exceed the cost of the County Bee-Line Bus fare. Considering a “parking cash-out” may further incentivize use of public transportation by paying employees not to park at County facilities.

Bicycle and Micromobility Parking: Secure parking for non-cars should be constructed and given priority location, i.e., closer to the building entrance. Electric charging outlets to accommodate e-bikes should be included. Bicycle and Micromobility Parking should be free to the user.

EV/Micromobility Charging: The Planning Board recommends that electric charging infrastructure

be implemented in a space-equivalent method. For each mode, EV or e-bikes, ensure that charging infrastructure fill up equivalent space. For example, if one EV charging parking space occupies 288 square feet, then the equivalent number of e-bike chargers to be installed should be determined so as to fill the same 288 square feet.

Bicycle Rider Supports: Showers, sinks and lockers should be provided for commuting bicycle riders if not already provided.

Bicycle and Micromobility Systems: Non-car mobility methods should be provided for employees travelling within a County campus or facility. Future planning for County campuses should incorporate non-car mobility while excluding car mobility whenever possible.

Coordination with Transit: Agencies should coordinate with County Transportation Planning, Bee-Line Bus, MTA, and any other transit provider to assure maximum transit access for employees.

Coordination with Trailway Managers: Agencies should coordinate with trailway managers like County Parks Recreation and Conservation to assure access for employees. Trailways near work sites should remain open to accommodate work hours, even if work hours span beyond normal dawn-dusk trailway hours. Illumination and snow/ice maintenance should also be considered.

Parking Lot Re-Use Plans: Departments requesting funding for parking infrastructure should develop plans for potential re-use of parking lots in the face of future demand reduction.

VEHICLE PURCHASE RECOMMENDATIONS

For the purchase of vehicles, County Departments should incorporate the following recommendations:

The purchase of vehicles should require consultation with the below guidelines of the National Association of City Transportation Officials (NACTO), including guidelines on “Downsizing” and “Advanced Driver Assistance Systems”, two areas which should be included in any vehicle purchase decision. A thorough risk analysis of a more dangerous vehicle should be included in the cost assessment: <https://nacto.org/optimizing-large-vehicles/>

For a quick list of items to be included in truck purchases, refer to NYCDOT’s Clean Trucks Initiative, particularly the 5th FAQ “Vision Zero Vehicle Safety Enhancements” regarding Vehicle Safety Enhancements: <https://www.nycctp.com/faqs/>

Purchasing add-ons like “bull bars” or emergency light fixtures, a rigid aftermarket accessory fitted to the front end of passenger vehicles should be prohibited. These put pedestrians and people bicycling at far greater risk of injury and death.

SUV purchases, versus traditional cars, should be prohibited unless there is a well-documented justification for such a larger vehicle. SUVs are rapidly replacing the USA’s fleet of cars, even though SUVs are significantly more dangerous to pedestrians and people riding bicycles.

Bicycle and Micromobility Vehicles: County Departments should consider purchasing bicycles and other non-cars for employees. Cargo bikes and e-bikes are versatile in transporting goods and use less energy and are less costly to purchase and maintain. Employees’ use of these non-car vehicles could also inform future demand for safer routes like trails, protected bike lanes and curb-raised bike lanes. This is especially important for Parks employees since this agency is tasked with the

countywide railway system facility maintenance and expansion.

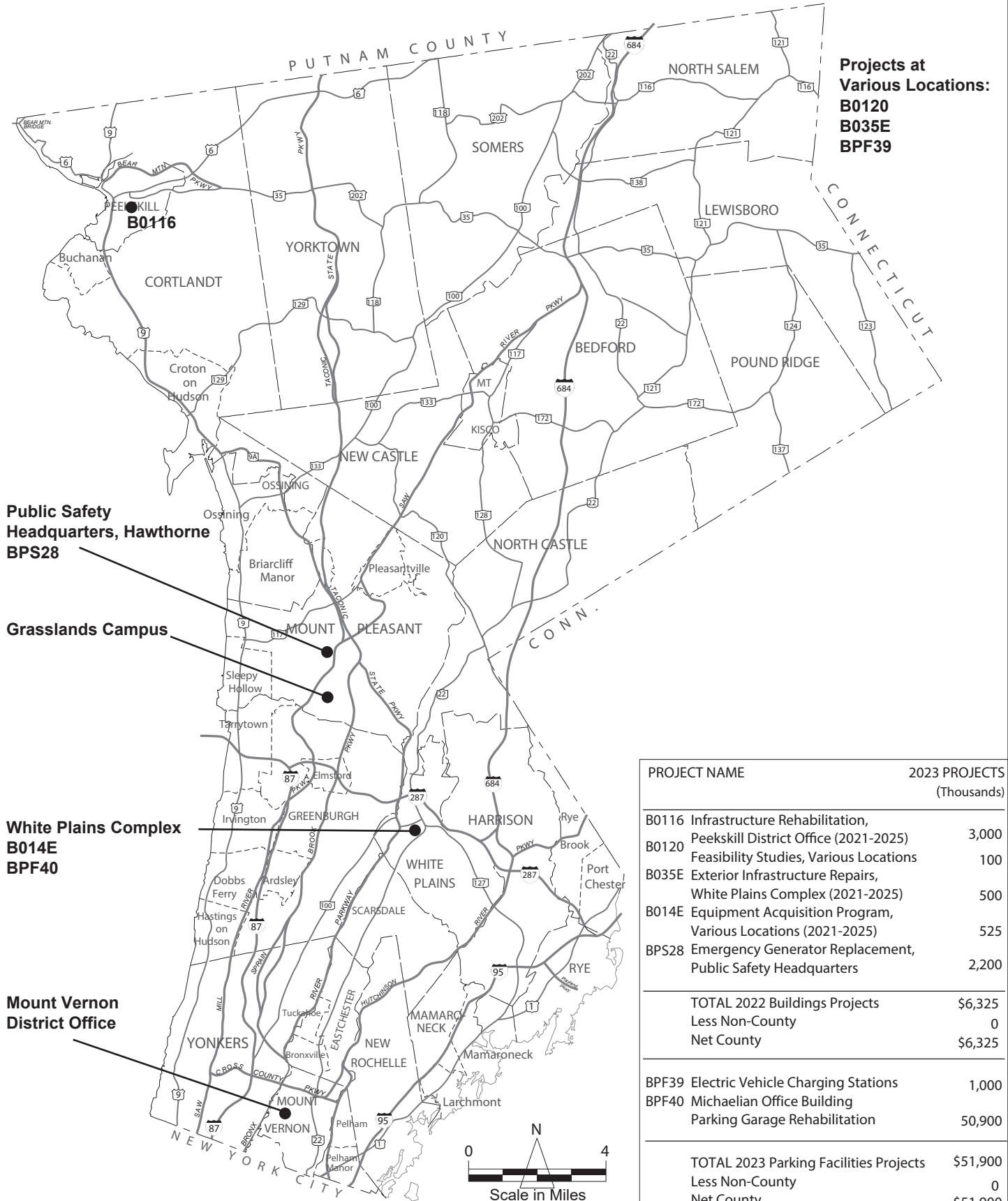
NATIVE PLANT SPECIES

For plantings in parks, public areas, gardens, roadsides and other County properties and facilities, County Departments should follow the recommendations below.

Recognizing the importance of preserving native plants that have historical and cultural ties to WestchesterCounty's original identity, County Executive George Latimer, on September 27, 2018, signed ExecutiveOrder 10 to protect the County's natural ecosystems and environmental health. The Executive Order asksthat all members of the County's departments, boards, agencies, and commissions help to maintain ourCounty's innate plant life, and prevent invasive, non-native plants from threatening our local environment. The Executive Order asks that native plants to Westchester County be used exclusively in our Countyparks, public areas, gardens, roadsides, and other County properties and facilities. Installation of plantspecies that are noted to be invasive are strictly prohibited.

https://www.sunywcc.edu/CMS/wp-content/uploads/Native_Plants/Executive%20Order%202018%20Native%20Plants.pdf

WESTCHESTER COUNTY, NEW YORK



May 2022

2023 CAPITAL PROJECT REQUESTS

CATEGORY: BUILDINGS – GENERAL

CATEGORY DESCRIPTION

This category includes buildings, roads, grounds, equipment and infrastructure projects for County facilities, particularly for the Grasslands Campus and the White Plains Complex. This category focuses on the rehabilitation of facilities and major infrastructure upgrades appropriate for a mature County system with extensive capital assets. The category is managed by the Department of Public Works and Transportation.

ANALYSIS OF OVERALL CAPITAL PROGRAM

Projects in this category focus on the need to maintain the County's infrastructure in good condition and to respond to the increased and perhaps changed demand for service, as well as major upkeep of the buildings in the White Plains Complex, Grasslands Campus and County-owned buildings throughout the county.

The Grasslands Campus continues to experience a wave of development that individually and collectively impacts the infrastructure of the Campus. Over the last few decades, these projects included the Penitentiary housing replacement, Labs facility expansion, Emergency Services facilities expansion, County Firing Range construction, and the opening of the permanent Household Material Recovery Facility (HMRF) and the CompostED recycling facility at a site near the Woods Road entrance to the Campus. Third-party projects at the Campus included the New York Medical College Medical (NYMC) Education Center and access road, the Westchester County Health Care Corporation's (WCHCC) new Ambulatory Care Pavilion and parking lots expansion, Children's Hospital and Trauma Center, and the Volunteers of America shelter (at the former Bureau of Purchase and Supply Building).

The First Responders section of the Campus, housing offices and training facilities for the Departments of Public Safety and Emergency Services is the site of several projects. The Armory, previously shared by New York State and the County for police training, has been renovated for all-County use. The Department of Emergency Services has several projects underway to renovate and expand their training facility.

In addition, plans have been proposed by a private developer to develop the northern 60 acres of vacant land on the Campus with biotech facilities and support services. The intensification of use of the Campus, as seen by these projects, increases the demand for utilities such as electricity and water. A new substation, which was constructed along Grasslands Road by Con Edison on property that was formerly a portion of the Grasslands Campus, will provide the electricity for new development on the Campus. Plans to supplement the existing supply of water to the Campus (including new connections to water supplies and a second water tower) are underway for County Water District 3, which serves the Grasslands Campus, and are reflected in the Department of Environmental Facilities capital program.

The handling of stormwater remains a matter of high importance and will need to be addressed in all development proposals at the Campus. An update of the Master Plan for the Grasslands Campus is underway. The Department of Planning is coordinating this update with the Department of Public Works and Transportation, which operates the Campus, as well as the various Departments and entities at the Campus, including the Westchester Medical Center and the New York Medical College.

ANALYSIS OF 2023 CAPITAL PROGRAM

The Department of Public Works and Transportation has submitted six requests to fund projects in the Buildings - General category in 2023 for a total amount of \$115,630,000. Two projects are classified as PL1 and four are rated PL2.

It is the Planning Board's opinion that the Department of Planning has an important role in the design development of the projects in the Buildings category in order to ensure consistency with plans for the Grasslands Campus that have been developed to achieve orderly development and a well-functioning and attractive campus. The Planning Board believes that it is important to preserve and enhance the visual quality and integrated campus-like setting of the Grasslands Campus. The Planning Department review will also seek to minimize the potential visual and environmental impacts resulting from various improvements at County facilities funded through the program.

Given the recent and prospective development on and near the Grasslands Campus, we support the current update of the now decades-old Campus Master Plan which will serve as a tool to help guide future capital requests. In addition to guiding the location, size, and infrastructure required for future development at the Campus, the new Master Plan will ensure the campus, and its infrastructure, are sustainable and resilient. To encourage walking, biking, and transit use to and within the campus, the Board recommends the new Master Plan consider updated guidelines and recommendations for walkways and sidewalks, bicycle facilities, and accommodations and easy bus access to buildings.

County Departments should continue to consider the location of solar and wind power generation at the various County buildings and properties. Electric vehicle charging stations should also be considered and located where appropriate and feasible.

In considering expenditures for the creation of new, or the rehabilitation of existing parking lots or garages, the Planning Board recommends that the Parking Lot and Garage Recommendations, shown on page 8, be considered. The Board recommends that all County vehicle purchases consider electric vehicles, hybrids, and non-idling vehicles. The use of mobile solar panels for the charging of critical vehicles should be investigated for use during long-term power outages.

For the purchase of large vehicles and trucks for various Departments' use, the Planning Board recommends that the Vehicle Purchasing Recommendations shown on page 9 be considered.

The proposed projects are generally consistent with the policies of ***Westchester 2025—Context for County and Municipal Planning and Policies to Guide County Planning***, adopted on May 6, 2008, amended January 5, 2010, the County's long-range land use policies.

BUILDINGS

There are 2 projects in this Department with a rating of PL1.

B0120 Feasibility Studies
\$100,000

This project is intended to assist in the preparation of long-range plans, capital needs identification, and environmental assessment studies. Feasibility studies are needed by all County departments and agencies subject to guidelines adopted by the Capital Projects Committee. The responsibility for administration of the funds has been assigned to the Department of Public Works and Transportation to assist them in developing their five-year capital program.

B035E Equipment Acquisition Program (2021-2025)
\$525,000

DWPT is responsible for maintaining the County Roadway System. Equipment is required to enable the Department to perform work assignments. For the purchase of vehicles, the Planning Board recommends that the Vehicle Purchasing Recommendations, shown on page 9 be considered.

B0116 Infrastructure Rehabilitation, Peekskill District Office (2021-2025)

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 3,000 | | 3,000 | | | | | |
| County Share | 3,000 | | 3,000 | | | | | |

Project Description

This project will fund the rehabilitation of building exteriors, interiors, building systems, and site work at the Peekskill District Office located at 750 Washington Street.

Appropriation Requests

2023: Design, Construction, and Construction Management.

Justification

To maintain the structural integrity, weather tightness and mechanical systems to allow the facility to deliver the services required or intended to its clients or personnel.

Consistency with Programs or Plans

This project is generally consistent with the policies of "**Westchester 2025**", the County Planning Board's long-range land use policies in that it helps maintain County physical facilities in good condition and supports capital improvements for physical facilities that enable the County to deliver services.

Planning Board Analysis

PL2: The Planning Board supports the rehabilitation of this District Office Building. Where site work or exterior building work is involved, Planning staff will review plans to ensure that all County policies and recommendations are followed.

B014E Exterior Infrastructure Repairs, White Plains Complex (2021-2025)

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|------|-------|------|------|------|-----------------|
| Gross | 9,025 | 3,500 | 500 | 5,025 | | | | |
| Non-County Share | | | | | | | | |
| County Share | 9,025 | 3,500 | 500 | 5,025 | | | | |

Project Description

This project provides for the funding of the rehabilitation of building exteriors and other site work in the White Plains Complex (MOB, Low Rise Bldg., Richard J. Daronco Courthouse and Annex, 112 East Post Road, 85 Court Street, and 143 Grand Street). In 2021, the project funded the rehabilitation 148 Martine Avenue, Low Rise, Richard J. Daronco Courthouse, 112 East Post Road, 143 Grand Street & 85 Court Street - Reconstruction of sidewalks, driveways and loading dock driveways. The 2023 request will fund the improvements to the Richard J. Daronco Courthouse and Low Rise Building, which will include the rehabilitation to the coping and stucco exterior. The 2024 request will provide funding for the Richard J. Daronco Courthouse Tower and Annex roof replacement.

Appropriation Requests

2021: Design, Construction, and Construction Management.

2023: Design, Construction, and Construction Management.

2024: Design, Construction, and Construction Management.

Justification

To maintain the building envelope by reducing/eliminating water/air infiltration that cause damage to the building's integrity and to maintain building sites (sidewalks, driveways, fencing, and landscaping).

Consistency with Programs or Plans

The project is generally consistent with the policies of "**Westchester 2025**", the County Planning Board's long-range land use policies, in that it is a capital improvement to keep physical equipment and facilities in good condition and extend their useful life.

Planning Board Analysis

PL2: The County Planning Board supports this project in that it will keep the County facilities in good condition. Plans will be reviewed by Planning Department staff to ensure that it will be consistent with all County policies. Where feasible, enhanced landscaping and stormwater mitigation, including incorporation of rain gardens, should be included in the design. The Planning Board recommends that when parking garages and surface lots are being rehabilitated, the Department of Public Works and Transportation consider methods to make the most efficient and economic use of the facility's parking spaces.

BPF39 Electric Vehicle Charging Stations and Infrastructure

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 3,000 | 2,000 | 1,000 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 3,000 | 2,000 | 1,000 | | | | | |

Project Description

This project will fund the installation of electric vehicle (EV) charging stations and associated infrastructure at various County locations. The County will work with NYSERDA, NYPA, and NYSDEC to explore any Non-County funding that may be available for this project.

Appropriation Requests

2020: Installation of EV charging stations.

2022: Installation of EV charging stations.

2023: Installation of EV charging stations.

Justification

The County Executive tasked the County to explore the installation of electric vehicle charging stations in County properties. This project is also consistent with the Governor's Charge NY Initiative to accelerate the growth of the electric vehicle market in New York State through education, research, consumer outreach, and financial support for the installation of charging stations across New York. NYSERDA, NYPA and NYSDEC will collaborate with the County on this initiative as part of the State's goal to reduce greenhouse gas emissions by 40 percent by 2030.

Consistency with Programs or Plans

This project is consistent with "**Westchester: 2025**", the County's long-range planning policy document, which recommends the promotion of reliable, sustainable energy and conservation practices while fostering green technology to reduce Westchester's carbon footprint.

Planning Board Analysis

PL2: The County Planning Board supports this project in that it will promote sustainable technology and reduce Westchester's carbon footprint. The Planning Board recommends that all electrical vehicle charging include equivalent e-bike charging stations and infrastructure. Plans will be reviewed by Planning Department staff to ensure that it will be consistent with all County policies.

The Planning Board recommends that electric charging infrastructure be implemented in a space-equivalent method. For each mode, EV or e-bikes, ensure that charging infrastructure fill up equivalent space. For example, if one EV charging parking space occupies 288 square feet, then the equivalent number of e-bike chargers to be installed should be determined so as to fill the same 288 square feet.

The Planning Board recommends that EV chargers *never* be placed alongside on-street public parking spaces, and instead be placed in off-street lots which are abundant in the County. The Board is concerned that installing chargers will lock-in the space adjacent to the curb for this use, preventing future re-allocation of the street. The Board is also concerned with the placement of EV chargers in the pedestrian right-of-way as yet another obstacle to the free flow of pedestrians.

BPF40 Michaelian Office Building Parking Garage Rehabilitation

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|--------|------|------|------|------|-----------------|
| Gross | 94,850 | 43,950 | 50,900 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 94,850 | 43,950 | 50,900 | | | | | |

Project Description

This project provides funding for the phased rehabilitation of the Michaelian Office Building Parking Garage in White Plains. It is a continuation of the work performed under capital project BPF32.

Phase II of this project, funded in 2022, address the rehabilitation of the concrete columns and beams; replacement of the ramps including new waterproofing; replacement of the existing fire alarm system, ventilation system, carbon monoxide detection system; rehabilitation of the electrical vault on levels B2 and B3; replacement of the existing expansion joint on both sides of Martin Luther King, Jr. Boulevard and associated plaza restoration; replacement of the existing lighting with new LED fixtures in the affected work areas; replacement of any plumbing and drainage piping as required; installation of an indoor distributed antenna system (IDAS) telecommunications system; and associated work.

Phase III, requested for 2023, will include the continued rehabilitation of the concrete columns, beams, and floor slabs throughout the garage. The work will also include the installation of an under-slab drainage system and replacement of the existing sump pumps with a new control system on the B3 level; replacement of the remaining lighting with LED fixtures and provide a new lighting control system; rehabilitation of the stair towers to comply with current building code; installation of a new CCTV surveillance system; replacement of the existing column mounted electrical outlets; rehabilitation of the areaway vent shafts; replacement of the existing railings; and associated work.

Appropriation Requests

2021: Design.

2022: Design, Construction, and Construction Management.

2023: Construction.

Justification

This project is required to maintain the integrity of the parking garage.

Consistency with Programs or Plans

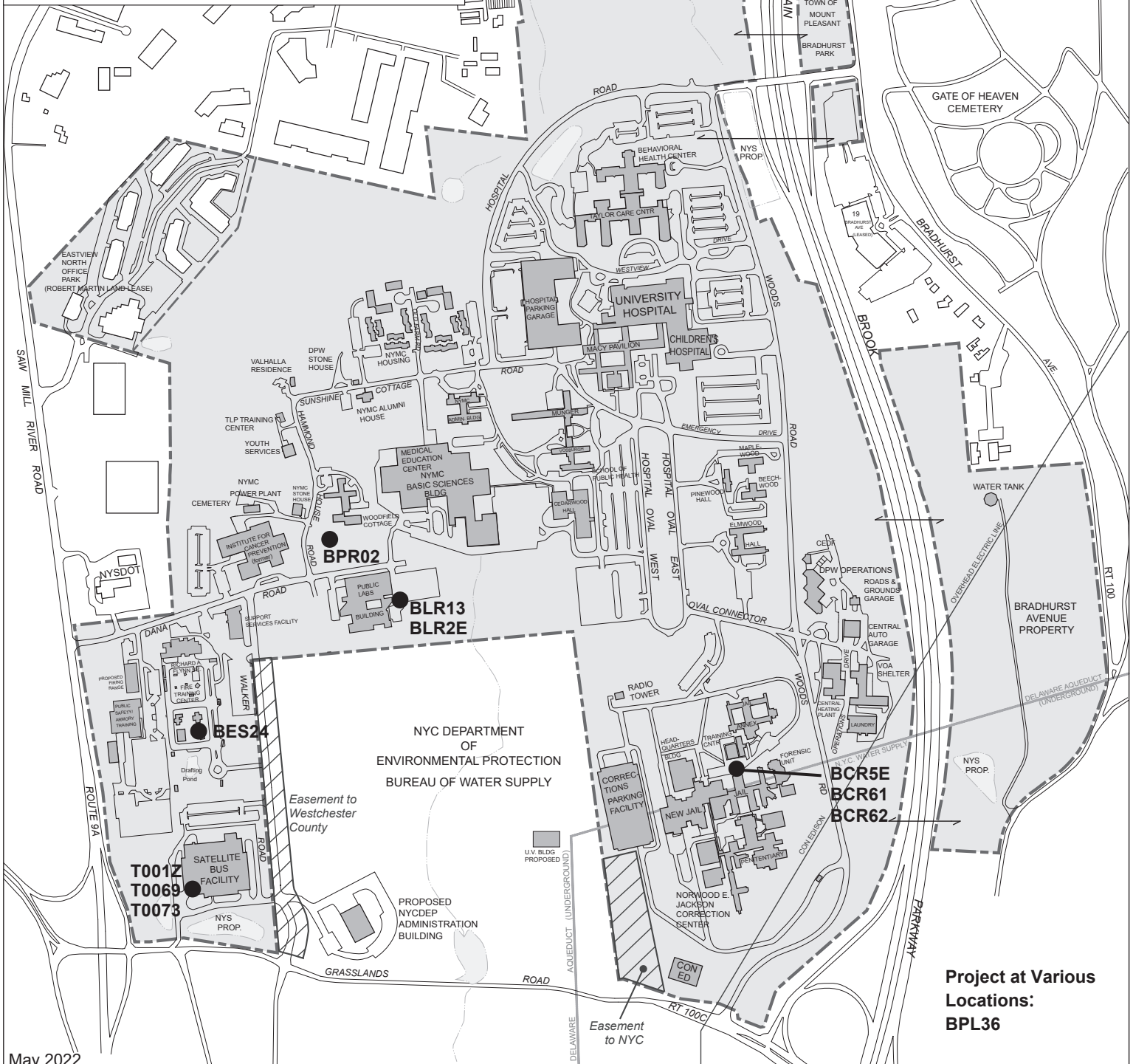
This project is generally consistent with the policies of “**Westchester 2025**”, the County Planning Board’s long-range land use policies in that it helps maintain County physical facilities in good condition and supports capital improvements for physical facilities that enable the County to deliver services. The Planning Board recommends that electric charging infrastructure be implemented in a space-equivalent method. For each mode, EV or e-bikes, ensure that charging infrastructure fill up equivalent space. For example, if one EV charging parking space occupies 288 square feet, then the equivalent number of e-bike chargers to be installed should be determined so as to fill the same 288 square feet.

Planning Board Analysis

The County Planning Board supports this project in that it will keep the County equipment and facilities in good, safe condition. Plans will be reviewed by Planning Department staff to ensure that it will be consistent with all County policies. The Planning Board recommends that all electrical vehicle charging include equivalent e-bike charging stations and infrastructure. In considering expenditures for the creation of new, or the rehabilitation of existing, parking lots or garages, the Planning Board recommends that the Parking Lot and Garage Recommendations, shown on page 8, be considered and incorporated into this project. Plans will be reviewed by Planning Department staff to ensure that it will be consistent with all County policies.

WESTCHESTER COUNTY, NEW YORK

| PROJECT NAME | 2023 PROJECTS (Thousands) |
|--|------------------------------|
| BCR5E Infrastructure Improvements (2021-2025) | 1,000 |
| BCR61 Parking Structure Infrastructure Improvements | 12,775 |
| BCR62 Elevator Modernization | 14,250 |
| BES24 Replacement of Smoke House Building | 810 |
| BLR13 Labs and Research Infrastructure Improvements (2022-2026) | 1,000 |
| BLR2E Labs and Research Equipment Acquisition (2021-2025) | 1,339 |
| BPL36 Valhalla Complex Site Improvements | 1,000 |
| BPR02 New Youth Detention Facility (2023 - 2027) | 8,000 |
| T001Z Replace 95 NABI 40-Foot Hybrid Buses | 95,025 |
| T0069 Cerrato Bus Garage - Infrastructure Improvements (2019-2023) | 735 |
| T0073 Electric Bus Charging Infrastructure | 3,000 |
| TOTAL 2023 PROJECTS | \$138,934 |



May 2022

2023 CAPITAL PROJECT REQUESTS CATEGORY: BUILDINGS MISCELLANEOUS

CATEGORY DESCRIPTION

This category is a grouping of projects from several departments: County Clerk, Board of Elections, Labs and Research, Probation, Public Safety, Social Services, and the District Attorney's Office.

ANALYSIS OF OVERALL CAPITAL PROGRAM

While these departments have traditionally been grouped and evaluated together because of the relatively small size of their capital programs and lack of physical impacts of their typical projects, their collective capital programs contain a number of comparatively larger and significant proposals. These projects are discussed in more detail under the individual department headings below.

ANALYSIS OF 2022 CAPITAL PROGRAM

The County Planning Board remains supportive of the programs sponsored by the District Attorney's Office, the Departments of Public Safety and Emergency Services, as well as Labs and Research. The Planning Board supports the programmatic approach to maintaining and improving County facilities and keeping necessary equipment, training and filing up-to-date. The proposed projects are generally consistent with the policies of "**Westchester 2025**", adopted on May 6, 2008, amended January 5, 2010, the County Planning Board's long- range land use policies. The projects will be reviewed to ensure that they are consistent with the County's standards for security and safety. Eight projects are requested for funding in Building Miscellaneous for a total request of \$44,846,000. Four of the projects are classified as PL1 while 4 are classified as PL2.

BUILDINGS - MISCELLANEOUS

There are 4 projects in this Department with a rating of PL1.

BDA02 Information Technology (2020-2024)
\$375,000

As the chief law enforcement officer of Westchester County, the District Attorney is responsible for the investigation and prosecution of all crimes and offenses committed in the County. This project will enable the District Attorney's Office to carry out this mandate by allowing for the purchase, upgrade and maintenance of equipment, software and systems to support the various District Attorney's Office locations throughout the County.

BLR2E Labs and Research Equipment Acquisition (2021-2025)
\$1,339,000

This capital project provides funding for the replacement and acquisition of equipment to support the Department of Labs and Research programs.

BPS33 Replacement of Police Helicopter
\$6,750,000

This project will fund the replacement of the Department of Public Safety's 2006 Bell 407 Helicopter with 2022 or 2023 model and current navigation, rescue and aeronautical equipment. Air2, the Department's oldest Bell 407 (s/n 53703) is currently 15 years old. The Air2 is approaching 5,000 airframe hours and has survived a fire and is in need of replacement.

BSS18 District Office & DSS Facility Interior Improvements
\$22,372,000

This project will fund the Department of Social Services district office interior facility improvements, including public reception and office renovations to ensure compliance with a safe and effective post-COVID environment.

BES24 Replacement of Smoke House Building

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|-------|------|------|------|-----------------|
| Gross Non-County Share | 6,310 | | 810 | 5,500 | | | | |
| County Share | 6,310 | | 810 | 5,500 | | | | |

Project Description

This project funds the design, construction and associated site work, including demolition of the existing smoke house building fire training prop, with the replacement of a new Smoke House Building fire training prop located in the fire training yard at the Department of Emergency Services on the Grasslands Campus.

Appropriation Requests

2023: Design.

2024: Construction and Construction Management.

Justification

The existing building was constructed in 1975 and has had several large repairs in the span of its 47-year life necessitated as a result of normal wear and tear to the structure. Those repairs are failing due to the building's age and the repeated exposure to the temperature extremes of live fire, its rapid extinguishment and high pressure impacts resulting from the use of fire hoses during each training evolution. This has resulted in building deterioration and fatigue. Surrounding paved surfaces, curbs and other surfaces are exhibiting similar damage from the same wear and tear.

Consistency with Programs or Plans

The project is generally consistent with the policies of Westchester 2025, the County Planning Board's long-range land use policies, in that it is a capital improvement to keep physical equipment and facilities in good condition and extend their useful life.

Planning

Board

Analysis

PL2: The County Planning Board supports this project in that it will keep the County equipment and facilities in good condition. Plans will be reviewed by Planning Department staff to ensure that it will be consistent with all County policies. This project should include measures to reuse and recycle the water used for fire training. Where feasible, enhanced landscaping and stormwater mitigation, should also be incorporated.

BLR13 Labs and Research Infrastructure Improvements (2022-2026)

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 2,000 | 1,000 | 1,000 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 2,000 | 1,000 | 1,000 | | | | | |

Project Description

This project will fund a multiyear cycle of infrastructure improvements to the facilities of the Department of Labs and Research at the Grasslands Campus in Mount Pleasant. The 2022 appropriation and the 2023 request will fund the study and construction of the existing office space to accommodate changes in work flows, instrumentation, equipment, and/or personnel.

Appropriation Requests

2022: Study.

2023: Construction and Construction Management.

Justification

This is an ongoing program of infrastructure improvements to address the aging physical deficiencies in the Labs and Research facility. This project will also fund any physical improvements that might be required to maintain laboratory accreditation.

Consistency with Programs or Plans

This project is generally consistent with the policies of *“Westchester 2025”*, the County Planning Board’s long-range land use policies in that it helps maintain County physical facilities in good condition and supports capital improvements for physical facilities that enable the County to deliver services.

Planning Board Analysis

PL2: The Planning Board supports the proposed long-range study. Planning Department staff will monitor the progress of design to address safety, aesthetic, and environmental planning concerns.

BPR02 New Youth Detention Facility (2023 - 2027)

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|--------|---------|------|------|------|-----------------|
| Gross | 125,000 | | 10,000 | 115,000 | | | | |
| Non-County Share | 100,000 | | 8,000 | 92,000 | | | | |
| County Share | 25,000 | | 2,000 | 23,000 | | | | |

Project Description

This project will fund the redesign and construction of a new Westchester County Youth Detention Center (WCYDC) at the Grasslands Campus in Mount Pleasant. The full service facility will include 80 beds and be approximately 106,000 square feet in size. The specialized and co-ed secure juvenile detention program will be jointly certified and regulated by NYS Office of Children and Family Services (OCFS) and the NY State Commission of Correction (SCOC), and locally administered by the Westchester County Department of Probation.

Appropriation Requests

2023: Design.

2024: Construction and Construction Management.

Justification

Woodfield Cottage is a regional youth detention facility. The current building that houses Woodfield Cottage was built in the 1950s, and the building's infrastructure is in disrepair. Furthermore, due to the new Raise the Age legislation enacted 2018, it is no longer large enough to house enough youth for the 9th Judicial District. Temporary trailers were installed but were not secure enough to sustain the damage caused by the youth during COVID quarantine. The original building does not meet the safety and security requirements necessary to house the adolescent offender population. A new building will allow complete separation of youth, as required by law.

Consistency with Programs or Plans

The project is generally consistent with the policies of "*Westchester 2025*", the County Planning Board's long-range land use policies, in that it is a capital improvement to keep physical equipment and facilities in good condition and extend their useful life.

Planning Board Analysis

PL2: The County Planning Board supports this project in that it will help to safely house the adolescent offender residents and will keep the County facility in good condition. Plans will be reviewed by Planning Department staff to ensure that it will be consistent with all County policies. Where feasible, enhanced landscaping and stormwater mitigation, including incorporation of rain gardens, should be included in the design. In addition, the mature row trees along Dana Road should be preserved to the greatest extent possible.

BPS28 Emergency Generator Replacement, Public Safety Headquarters, Hawthorne

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 4,425 | 2,225 | 2,200 | | | | | |
| County Share | 4,425 | 2,225 | 2,200 | | | | | |

Project Description

This project will fund the replacement of the existing emergency generator at the County Police Headquarters located on the Saw Mill River Parkway in Hawthorne. The existing standby 400kW pad mounted generator will be removed and replaced, including the concrete pad, boxes, conduit, and related equipment. The 2023 request will fund cost escalations.

Appropriation Requests

2015: Design.

2021: Construction and Construction Management.

2023: Construction and Construction Management.

Justification

The present generator was installed in 1992. Within the last four years there have been numerous commercial outages in the 9A/Mount Pleasant area causing the generator to fail automatic starting within the usual 4 to 5 seconds. Crucial communications and computer systems were interrupted. Parts for the existing generator are no longer available and have become obsolete.

Consistency with Programs or Plans

The project is generally consistent with the policies of "**Westchester 2025**", the County Planning Board's long-range land use policies, in that it is a capital improvement to keep physical equipment and facilities at critical public safety facilities in good condition and extend their useful life.

Planning Board Analysis

PL2: The Planning Board supports this project as it will keep County facilities in good repair and will enable the County to deliver services in an economic and humane manner.

2022 CAPITAL PROJECT REQUESTS CATEGORY: INFORMATION TECHNOLOGY

CATEGORY DESCRIPTION

The Department of Information Technology (DoIT) is charged with developing and maintaining the County's data and telecommunications network which includes hardware and software. DoIT also controls the duplicating, printing, and graphics functions of the County. The mission of the Department is to use technology intelligently to make County Government operate more efficiently, effectively, and productively; to make government services and information more accessible to the public; to improve the quality of life in Westchester and to enhance the safety and security of Westchester residents.

ANALYSIS OF OVERALL CAPITAL PROGRAM

The majority of DoIT capital projects provide County employees with new systems and technology that improves their productivity, reduces costs, and increases the public's accessibility to County services. Other important scopes of service involve security and radio systems.

ANALYSIS OF THE 2023 CAPITAL PROGRAM

Information Technology has submitted funding requests for 11 projects, for a total of \$15,070,000, in 2023. Ten of the projects are classified as PL1 while one project is a PL2. The proposed projects are generally consistent with the policies of ***Westchester 2025***, the County's long-range land use policies, and will also be reviewed to ensure that they are consistent with the County's standards for security and safety.

INFORMATION TECHNOLOGY

There are 10 projects in this Department with a rating of PL1

**BIT29 Data Center Upgrade
\$100,000**

This project will fund upgrades to two primary Data Centers which utilize utility power, generators, uninterruptible power supplies, power distribution units, HVAC servers, network, and power management systems.

**BIT45 Building Access Control and Video Surveillance Systems Upgrade
\$1,350,000**

This project will fund the replacement and upgrade of Building Access Control and video surveillance systems which include software, hardware, network infrastructure, training and implementation services.

**BIT47 Network and Security Infrastructure Upgrades 2020-2024
\$850,000**

This project will fund the continuation of network and security infrastructure upgrades and replacement of obsolete hardware and software platforms.

**BIT48 Computer Aided Dispatch Upgrade – Police, Fire and EMS
\$200,000**

This project will fund the upgrade and additional modules to the Computer Aided Dispatch and related systems that are used by the Department of Emergency Services Emergency Communications Center.

**BIT4D Employee Productivity Systems 2023-2027
\$500,000**

This project will fund the continuation of BIT04/4A/4B/4C Employee Productivity Systems. The project's purpose is to provide reusable software components that can be assembled to meet the particular requirements of County departments.

**BIT50 AMS/CGI Applications and Linux RAC upgrade
\$500,000**

This project will fund the upgrade to the American Management Systems (CGI/AMS), the vendor for the County's Financial, HR, and Budget Systems.

BIT53 Business Continuity and Disaster Recovery
\$250,000

This project will implement and support information systems and technologies that help all Westchester County departments and stakeholder agencies operate more effectively and efficiently, addressing risk mitigation and security.

BIT54 Critical Communication Logging System Replacement 2021-2025
\$1,750,000

This project will fund the upgrade to the communication logging system which is comprised of thirty-two (32) sever based systems along with related applications, providing audio recording capabilities for several departments.

BIT59 Jail Management System Upgrade
\$700,000

The Jail Management System used by the Department of Correction requires an upgrade in order to take advantage of new features provided in the current version of the software. This project will fund the cost of software, implementation services, and hardware.

BIT6D Purchase of Computer Equipment 2021-2025
\$1,000,000

This project funds the upgrade and replacement of servers, associated storage, and software used by various County Departments.

BIT32 Radio System Replacement

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|-------|-------|-------|-------|-----------------|
| Gross | 108,700 | 58,160 | 7,870 | 9,580 | 9,580 | 9,630 | 9,630 | 4,250 |
| Non-County Share | | | | | | | | |
| County Share | 108,700 | 58,160 | 7,870 | 9,580 | 9,580 | 9,630 | 9,630 | 4,250 |

Project Description

This project includes the design, implementation, and management of large mission critical radio systems used by the Departments of Emergency Services, Public Safety, and Public Works and Transportation. These systems are used by first responders and other governmental personnel to ensure safety of life and property and enable delivery of vital services to the citizens of Westchester County. This capital project includes the process of specifying, designing, procuring and the implementation of replacements for the trunked systems (which provide multiple fire, EMS, and transit voice communication channels), the F1 and F3 systems (providing primary and secondary police communication channels) and the radio component of the CAD/AVL systems (providing transit data channels for Bee-Line bus location, status, and performance tracking).

Appropriation Requests

2014: Phase I & II Study and RFP development

2015: Phased radio system replacement

2016: Phased radio system replacement

2017: Phased radio system replacement

2018: Phased radio system replacement

2019: Phased radio system replacement

2020: Phased radio system replacement

2021: Phased radio system replacement

2022: Phased radio system replacement

2023: Phased radio system replacement

2024: Phased radio system replacement

2025: Phased radio system replacement

2026: Phased radio system replacement

2027: Phased radio system replacement

Under Review: Phased radio system replacement

Justification

Reliable radio systems are required for protection and delivery of vital services in Westchester County. The guaranteed parts and repair service of four critical County radio systems ended in December 2018 and the two of the four frequencies in the systems will be lost between 2021 and 2023. These two issues combine to force replacement of all four of these critical systems.

Consistency with Programs or Plans

The project is generally consistent with the policies of “**Westchester 2025**”, the County Planning Board’s long-range land use policies, in that it is a capital improvement to keep physical equipment and facilities in good condition and extend their useful life.

Planning Board Analysis

PL2: The Planning Board supports this multi-phase project for equipment replacement and/or rehabilitation which will keep the equipment in good working order. Plans will be reviewed by Planning Department staff to determine whether there are any impacts to the sites and will assess any potential environmental impacts and ensure that the work will meet all County standards.

2023 CAPITAL PROJECT REQUESTS CATEGORY: PLANNING AND PROPERTY ACQUISITION

CATEGORY DESCRIPTION

The Planning Department develops and implements policies, plans, programs, and projects which support sound and orderly physical development for public and private actions in Westchester County. The Planning Department seeks to protect, maintain, and improve the quality of life and physical environment in Westchester County by encouraging development consistent with the policies of **Westchester 2025**, the County Planning Board's long-range planning policy document. The Department's work focuses on regional, countywide and inter-municipal needs in order to guide development in the areas of infrastructure, parks and open space, economic development, community development, natural resources, environmental impacts, flooding, and fair and affordable housing. Planning also provides technical support and advice to the County Planning Board, which has the Charter-mandated responsibility of submitting its recommendations on the proposed Annual Capital Budget and Five-Year Capital Program.

The Planning Department initiates Capital Projects in the areas of housing, site improvements to County facilities (including relocation of County offices), and unique projects such as the trailways and environmental benefit projects.

ANALYSIS OF OVERALL CAPITAL PROGRAM

The proposed Planning and Property Acquisition capital program includes encouragement of fair and affordable housing through assistance for land acquisition and construction of supporting infrastructure; and enhancement of stormwater management on County and other property. The proposed projects are generally consistent with the policies of **Westchester 2025**, the County Planning Board's long-range land use policies. They will be reviewed to ensure that they are consistent with the County's standards for security and safety.

A priority for the Department is compliance with the Housing Stipulation and Order of Settlement and Dismissal that requires the County to ensure the development of 750 fair and affordable housing units within certain specified municipalities by December 31, 2016, as well as continuing programs that otherwise encourage the development of fair and affordable housing units. Another priority is funding stormwater management projects on County-owned sites that, in addition to helping the County meet its obligations under federal stormwater regulations, will also promote best practices to all municipalities. Other capital project priorities for the Department include finishing trailways that are nearing completion, such as the South County Trailway, the Tarrytown-Kensico Trailway and continuing design and construction on other trailways and bikeways that are identified in the New York Metropolitan Transportation Committee's Bike/Ped Master Plan. Trailways and bikeways continue to be in high demand by county residents as identified in the County's Parks, Recreation and Conservation's Park User Surveys in 1996 and 2008.

ANALYSIS OF 2023 CAPITAL PROGRAM

Funding is requested in 2023 for six capital projects, for a total of \$52,000,000. Five of these projects are rated PL2. One project, the improvements at the Hilltop Hanover Farm and Environmental Center is rated a PL2HP.

BPL1A Housing Implementation Fund II

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|--------|------|------|------|------|-----------------|
| Gross | 86,060 | 71,060 | 15,000 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 86,060 | 71,060 | 15,000 | | | | | |

Project Description

This project continues the funding for the Westchester County Housing Implementation Fund (HIF) previously funded under BPL01 Housing Implementation Fund. HIF is a unique housing incentive program established to provide municipalities with funds for public infrastructure and improvements such as water, sanitary and storm sewer, road, and site improvements needed to facilitate the construction or rehabilitation of fair and affordable housing. Through the end of 2021, 1,132 units of fair and affordable housing funded under HIF (BPL1A) are under construction, completed or have been approved for funding by the Board of Legislators.

Appropriation Requests

2016: Funding for public infrastructure and other improvements for fair and affordable housing.

2017: Funding for additional sites.

2018: Funding for additional sites.

2019: Funding for additional sites.

2020: Funding for additional sites.

2021: Funding for additional sites as well as broadband infrastructure at fair and affordable housing sites throughout Westchester County.

2022: Funding for additional sites.

2023: Funding for additional sites.

Justification

The provision of design and construction financing for public infrastructure associated with a housing development reduces the overall cost of development thereby facilitating the creation of affordable housing. Funds are available to all Westchester County municipalities as set forth in Chapter 298 of the Westchester County Administrative Code. Together with BPL10 New Homes Land Acquisition/ BPL30 New Homes Land Acquisition II and BPL50 Fair and Affordable Housing, this funding provides an important mechanism to implement the goals of the Westchester County Housing Implementation Plan providing for the development of 750 fair and affordable housing units in connection with the settlement of the lawsuit titled "U.S. ex rel Anti-Discrimination Center of Metro New York v. Westchester County." Further, these funds also are instrumental in leveraging funding for construction of fair and affordable housing county- wide, thus creating new jobs and related economic benefits in the County.

Consistency with Programs or Plans

The project is consistent with the policies of "**Westchester 2025**", the County's long-range land use policies, in that it supports the development of fair and affordable housing.

Planning Board Analysis

PL2: The Planning Board strongly supports the continuation of this program which helps reduce infrastructure costs of new housing, making it more affordable. The program is a partnership between the County and local governments to provide affordable housing throughout Westchester. The Planning Department will continue to take the lead in reviewing funding applications and ensuring that the goals of “Westchester 2025” continue to be met.

BPL26 Flood Mitigation

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|-------|-------|-------|-------|-----------------|
| Gross | 76,750 | 31,750 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 20,000 |
| Non-County Share | | | | | | | | |
| County Share | 76,750 | 31,750 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 20,000 |

Project Description

This project provides funding for County and local municipal flood mitigation projects that are recommended by County advisory boards and identified in watershed-based flood action plans, the Countywide hazard mitigation plan and proposed by local municipalities. Grants and other funding sources will be sought to the greatest extent practical.

Funding in the amount of \$11,000,000 has been authorized for 2022 by the Board of Legislators to mitigate flooding in the Village of Mamaroneck from the Sheldrake and Mamaroneck Rivers.

Appropriation Requests

2009: For Stormwater Runoff Audit of County facilities

2012: BOL add for Stormwater Runoff/Flood mitigation

2013: BOL add for Stormwater Runoff/Flood mitigation

2015: BOL add for Stormwater Runoff/Flood mitigation

2016: BOL add for Stormwater Runoff/Flood mitigation

2021: For Stormwater Runoff/Flood mitigation

2022: BOL add for Stormwater Runoff/Flood mitigation in Mamaroneck Village from the Mamaroneck and Sheldrake Rivers.

2023: For Stormwater Runoff/Flood mitigation

Justification

This program enables Westchester County to construct projects and partner with municipalities and other government agencies to provide funding for flood mitigation or flood damage reduction projects. Through partnerships with our municipalities and other government entities such as the US Army Corps of Engineers and NYS Department of Environmental Conservation, the County will work to reduce flooding problems and impacts on people and property throughout Westchester County.

Consistency with Programs or Plans

The project is consistent with the policies of “*Westchester 2025*”, the County’s long-range land use policies. As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address physical and environmental planning concerns including Stormwater Control. [The Planning Board recommends that flood mitigation projects include consideration of creating new, or improving existing, pedestrian and bicycle transportation routes.](#)

BPL30 New Homes Land Acquisition II

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|--------|------|------|------|------|-----------------|
| Gross | 104,500 | 79,500 | 25,000 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 104,500 | 79,500 | 25,000 | | | | | |

Project Description

This is a continuation of project BPL10 New Homes Land Acquisition Fund (NHLA). NHLA provides funds to acquire property for the construction of fair and affordable housing. The fund helps to increase the inventory of available properties for fair and affordable housing development. In addition to the acquisition cost of properties, other costs associated with, and often required for, site acquisition may be considered eligible costs to be funded through this program, such as closing costs, appraisals, property surveys, environmental assessments, hazardous materials reports and demolition of existing structures. Demolition may be particularly critical in the County's urban areas where existing structures need to be removed to allow construction of fair and affordable units.

Through the end of 2021, 1,222 units of fair and affordable housing are completed, under construction or approved for funding by the Board of Legislators on property acquired through the use of NHLA funds in the county.

Appropriation Requests

2015: Funding is requested to complete acquisition projects.
2016: Funding is requested to complete acquisition projects.
2017: Funding is requested to complete acquisition projects.
2018: Funding is requested to complete acquisition projects.
2019: Funding is requested to complete acquisition projects.
2020: Funding is requested to complete acquisition projects.
2021: Funding is requested to complete acquisition projects.
2022: Funding is requested to complete acquisition projects.
2023: Funding is requested to complete acquisition projects.
2024: Funding is requested to complete acquisition projects.
2025: Funding is requested to complete acquisition projects.

Justification

The New Homes Land Acquisition Fund provides the County with funding to acquire land that is suitable for fair and affordable housing and needed to assist with meeting the goals of the Housing Implementation Plan, providing for the development of 750 fair and affordable housing units in connection with the settlement of the lawsuit titled "U.S. ex rel. Anti-Discrimination Center of Metro New York v. Westchester County." Further, the funds are instrumental in leveraging funding for the construction of fair and affordable housing countywide, thus creating new jobs and related economic benefits in the County.

Consistency with Programs or Plans

The project is consistent with the policies of "**Westchester 2025**", the County's long-range land use policies, in that it supports the development of fair and affordable housing.

Planning Board Analysis

PL2: The Planning Board strongly supports the continuation of this program which helps produce opportunities for fair and affordable housing. The program is a partnership between the County and local governments to provide fair and affordable housing throughout Westchester. The Planning Department will continue to take the lead in reviewing funding applications and ensuring that the policies of "**Westchester 2025**" continue to be met.

BPL35 Hilltop Hanover Farm and Environmental Center

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 8,500 | 1,000 | 5,000 | | | | | 2,500 |
| County Share | 8,500 | 1,000 | 5,000 | | | | | 2,500 |

Project Description

This project will fund the rehabilitation, renovation and other improvements of buildings and Infrastructure at Hilltop Hanover Farm and Environmental Center in Yorktown, NY. The buildings, utilities, fencing, parking and drive areas and other infrastructure are in various states of decline and in need of repair and rehabilitation to not only maintain them in their current state but to facilitate the development of programs, projects, and events at the site.

Appropriation Requests

2020: Design.

2023: Design, Construction, and Construction Management.

Under Review: Construction and Construction Management.

Justification

Westchester County purchased Hilltop Hanover Farm in 2003 to protect open space and create a facility for demonstration and education on environmental protection and sustainable agriculture and land management practices. This project will fund needed repairs and upgrades to realize the original intention for the acquisition of the property.

Consistency with Programs or Plans

This project is generally consistent with the policies of “**Westchester 2025**”, the County Planning Board’s long-range land use policies in that it will help maintain County physical facilities in good condition in order to deliver services in an efficient, humane and economic manner.

Planning Board Analysis

PL2HP: The County Planning Board acknowledges the importance of the Hilltop Hanover Farm and understands the need to maintain it in good condition. The site provides excellent opportunities for the County to demonstrate the latest advances in green technology for buildings and site planning. Planning staff will review plans to ensure consistency with the County’s goals for the site. The Westchester County Historic Preservation Advisory Committee (HPAC) has recognized the historic character of both the Main Building and the entire cluster of structures at the farm and recommends that historically sensitive features be protected and properly preserved.

BPL36 Valhalla Complex Site Improvements

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 2,250 | 1,250 | 1,000 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 2,250 | 1,250 | 1,000 | | | | | |

Project Description

This project will fund various site improvements at the Grassland Campus in the Town of Mount Pleasant. The 2022 appropriation funded the design and installation of gateway monuments and wayfinding signage [and a study for comprehensive site improvements](#). The 2023 request is for various site improvements which, may include landscaping, trailways, sidewalks, and pedestrian/bicycle improvements.

Appropriation Requests

2022: Design, Construction, and Construction Management.

2023: Design, Construction, and Construction Management.

Justification

A signage and wayfinding study completed in 2021 recommended a unified signage system at the Campus. The study recommends effective wayfinding so that both visitors and Campus employees clearly understand how to more efficiently and safely navigate the Campus on foot and in vehicles.

Consistency with Programs or Plans

The project is generally consistent with the policies of *“Westchester 2025”*, the County Planning Board’s long-range land use policies, in that helps this County facility operate more safely and efficiently.

Planning Board Analysis

PL2: The Planning Board supports this project which will provide an opportunity to employ state-of-the-art technology to implement an effective campus-wide signage and wayfinding system. The system should integrate design elements of the major tenants including the Westchester Medical Center, the New York Medical College, and Westchester County departments. The Board also supports Improvements to bicycle and pedestrian travel and safety at the Campus.

BLA06 Farmland Protection

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 2,000 | | 1,000 | | | | | 1,000 |
| Non-County Share | | | | | | | | |
| County Share | 2,000 | | 1,000 | | | | | 1,000 |

Project Description

This project will provide a matching fund for the purchase of development rights of agricultural land in Westchester County in conjunction with funds that may be available from state and local municipalities or other non-county sources. This project will provide the local match of contributing funds to the New York State Farmland Protection Implementation Grant (FPIG) program, administered by the New York State Department of Agriculture and Markets.

Appropriation Requests

2023: Funding for acquisition of development rights.

Under Review: Funding for acquisition of development rights.

Justification

Westchester's remaining farms continue to face pressure to convert to non-agricultural uses, reducing the availability of locally grown produce, reducing the amount of opportunity for nature-based educational experiences and impacting the environment and community character. The County had participated in the New York State FPIG program previously. With the continued focus on the importance of local farmland to a resilient food system and other community benefits as well as increased financial support from New York State, participation in this program is recommended to protect Westchester's remaining farmland.

Consistency with Programs or Plans

This project is consistent with "**Westchester 2025**", the County Planning Board's long-range land use policies, and with the County's Open Space Policies by preserving open spaces, agricultural uses, and protecting food systems.

Planning Board Analysis

PL2: The Planning Board strongly supports the programmed acquisition of development rights of agricultural land. This program complements other capital projects in which land for open space and recreation and housing opportunities are acquired. The Planning Department will take the lead in reviewing grant applications and ensure that the goals of "**Westchester 2025**" will be met.

2023 CAPITAL PROJECT REQUESTS CATEGORY: CORRECTION

CATEGORY DESCRIPTION

The Department of Correction is Westchester County's secure custodial center. The Department has three operational divisions – Jail, Penitentiary, and Administration. The Correctional Facility at the Grasslands Campus includes three primary facilities for housing inmates - a Penitentiary constructed in 2004 for those serving sentences of up to one year and two Jails (one constructed in 1932, the other in 1992) for those awaiting trial. The Department also maintains a female unit constructed in 1968 to house females sentenced and pretrial prisoners. To meet the different needs of each group, the Jail and Penitentiary Divisions offer distinctive programming and living conditions, and each is administered with different management and security procedures. The secure custodial facilities have a normal operating capacity of approximately 1,700 beds. The Department utilizes local hospitals for inpatient care when appropriate.

ANALYSIS OF OVERALL CAPITAL PROGRAM

The focus of the Correction capital program is to meet the following objectives: maintain safe and secure custody of the inmate population as required by New York State Correction Law; conform to all health, safety, program and security mandates of the New York State Commission of Correction; and correct infrastructure, security, and/or operational deficiencies consistent with the 1993 update of the 1988 Facilities Guidelines. The focus of recent improvements has been on general infrastructure improvements.

The Department may want to consider undertaking a thorough analysis of its physical plant to develop a comprehensive facilities plan for the next five years and assess space and housing needs in light of the declining inmate population. The Planning Board recognizes the special considerations and challenges that need to be given to maintaining a secured environment while undertaking the numerous simultaneous capital improvement projects, which makes the need for proper long-term planning even more important.

ANALYSIS OF 2022 CAPITAL PROGRAM

Funding is requested in 2023 for four capital projects, for a total of \$28,250,000. Three projects are rated a PL2 and one project is rated PL1.

CORRECTION

There is one project in this Department with a rating of PL1

BCR62 Elevator Modernization
\$14,250,000

This project will rehabilitate or replace 17 elevators located at the Westchester County Correctional Facility. The current elevators are no less than 25 years old and require time consuming and costly repairs, impacting staff and resident safety and security.

BCR5E Infrastructure improvements (2021-2025)

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|-------|------|------|------|-----------------|
| Gross Non-County Share | 4,000 | 2,000 | 1,000 | 1,000 | | | | |
| County Share | 4,000 | 2,000 | 1,000 | 1,000 | | | | |

Project Description

This project provides funding for interior and exterior repairs and renovations at the Correctional Complex in order to protect the health and safety of inmates and staff. The requests in 2021 and 2022 provided funding for asbestos abatement and exterior improvements (such as roof replacement and exterior waterproofing) as well as upgrades of sanitary, fire safety, plumbing, HVAC, fencing and electrical systems. The request in 2023 and 2024 will provide funding for the replacement of the existing reheat coils, fan coil units and associated piping in the basement mechanical room of the Old Jail Medical Unit.

Appropriation Requests

2021: Design, Construction, and Construction Management.

2022: Design, Construction, and Construction Management.

2023: Design, Construction, and Construction Management.

2024: Design, Construction, and Construction Management.

Justification

An ongoing program of infrastructure repairs will be required to address the aging physical deficiencies in the County Government's Correctional Complex to ensure the health and safety of visitors, inmates, and staff.

Consistency with Programs or Plans

The project is generally consistent with the policies of "*Westchester 2025*", the County Planning Board's long-range land use policies, in that it is a capital improvement to keep physical equipment and facilities in good condition and extend their useful life.

Planning Board Analysis

PL2: The Planning Board supports this project as it will keep County facilities in good repair and will enable the County to deliver services in an economic and humane manner. Planning staff will review the project design concerning exterior impacts, including environmental concerns such as stormwater management.

BCR61 Parking Structure Infrastructure Improvements

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|--------|------|------|------|------|-----------------|
| Gross Non-County Share | 14,000 | 1,225 | 12,775 | | | | | |
| County Share | 14,000 | 1,225 | 12,775 | | | | | |

Project Description

This project funds renovations of the Department of Correction (DOC) parking structure, including replacement of the existing lighting system with energy efficient LED lighting, to protect the safety of staff and visitors to the facility.

Appropriation Requests

2021: Design.

2023: Construction and Construction Management.

Justification

Infrastructure renovation will be required to address the aging physical deficiencies in the DOC parking structure to maintain safety of staff and visitors.

Consistency with Programs or Plans

The project is generally consistent with the policies of "**Westchester 2025**", the County Planning Board's long-range land use policies, in that it is a capital improvement to keep physical equipment and facilities in good condition and extend their useful life.

Planning Board Analysis

PL2: The County Planning Board supports this project in that it will keep the County facility in good condition. Plans will be reviewed by Planning Department staff to ensure that it will be consistent with all County policies. Where feasible, enhanced landscaping and stormwater mitigation, including the incorporation of rain gardens, should be included in the design.

The Planning Board recommends that when parking garages and surface lots are being rehabilitated, the Department of Public Works and Transportation consider methods to make the most efficient and economic use of the facility's spaces. Some methods may include shared parking with other users, paymentsystems allowing for variable pricing, occupancy tracking and reporting systems for supply and demand studies as well as other Parking Lot and Garage Recommendations shown on page 8. Plans will be reviewed by Planning Department staff to ensure that it will be consistent with all County policies.

BCR63 Post 2 Entrance Gate Booth

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|-------|------|------|------|-----------------|
| Gross Non-County Share | 1,900 | | 225 | 1,675 | | | | |
| County Share | 1,900 | | 225 | 1,675 | | | | |

Project Description

This project will replace the Post 2 building with a new prefabricated building including associated electrical work and site work including reconfiguration of the existing entrance road. Post 2, also known as the Woods Road Entrance to the Correction Facility, provides employee and service access, including access to the parking structure for employees within the secured area.

Appropriation Requests

2023: Design.

2024: Construction and Construction Management.

Justification

Rehabilitation/replacement of the gate house is required to address the aging physical deficiencies to maintain safety of staff and residents.

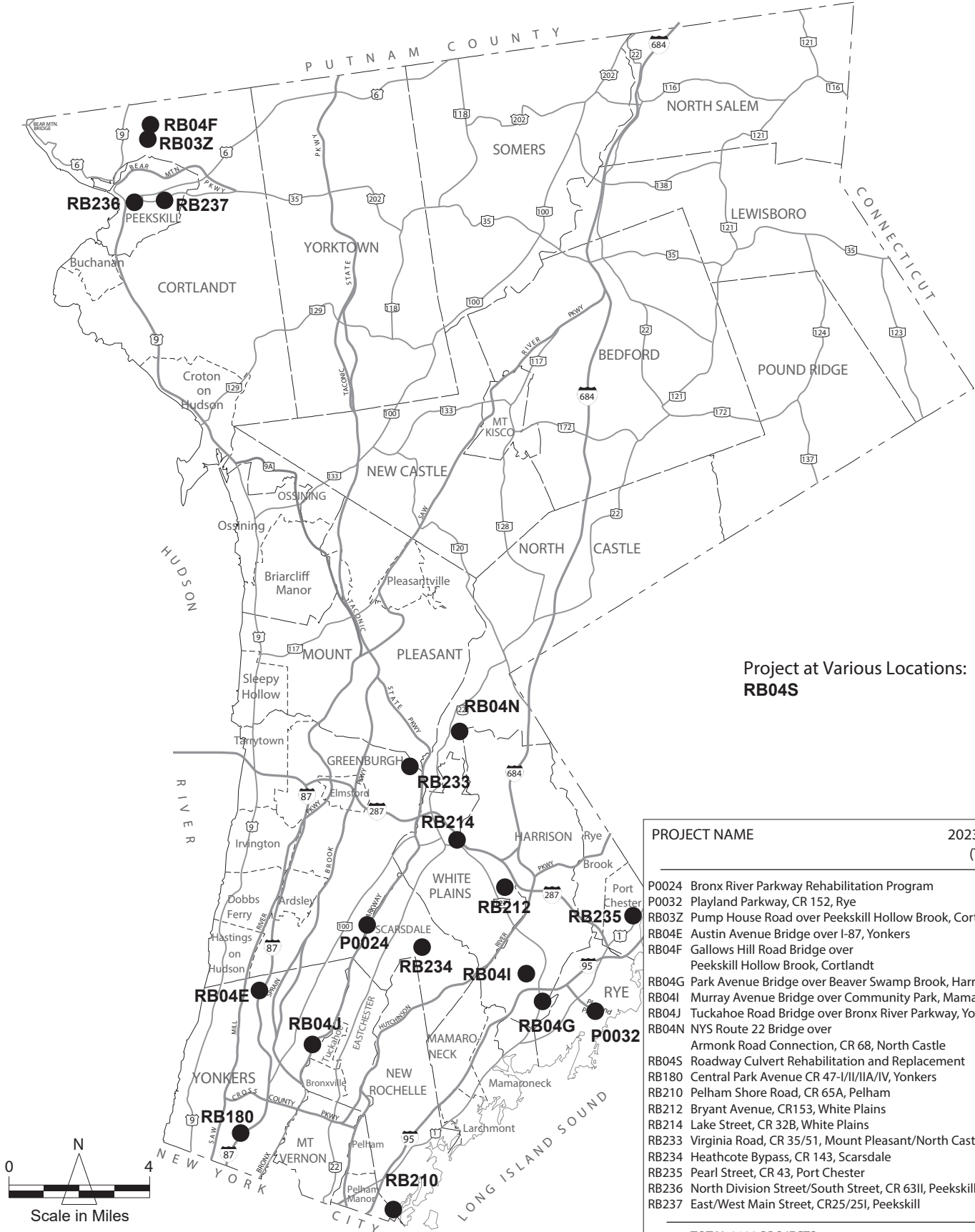
Consistency with Programs or Plans

The project is generally consistent with the policies of "*Westchester 2025*", the County Planning Board's long-range land use policies, in that it is a capital improvement to keep physical equipment and facilities in good condition and extend their useful life.

Planning Board Analysis

PL2: The Planning Board supports this project as it will keep County facilities in good repair and will enable the County to deliver services in an economic and humane manner. The Planning Board recommends that this project include TDM-related technologies to encourage reduced driving such as carpool reimbursement programs.

WESTCHESTER COUNTY, NEW YORK



May 2022

2023 CAPITAL PROJECT REQUESTS CATEGORY: PARKWAYS, ROADS AND BRIDGES

CATEGORY DESCRIPTION: PARKWAYS

Westchester County is responsible for preserving and maintaining the Bronx River Parkway Reservation, a portion of which (from the Sprain Brook Parkway intersection north to the Kensico Dam Plaza) is listed on the National Register of Historic Places. The Central Westchester Parkway, located in White Plains and North Castle, and Playland Parkway in Rye are also included in this category.

ANALYSIS OF OVERALL CAPITAL PROGRAM

The proposed 2023-2027 Capital Program for the Bronx River Parkway Reservation focuses on rehabilitation and repair of the roadway. All work proposed for the Reservation should be evaluated for its consistency with the design recommendations in the draft Bronx River Parkway Reservation Comprehensive Corridor Management Plan. This document addresses a number of issues including: preservation of the National Register character of the Parkway and the Reservation, maintenance and operation recommendations, and safety considerations.

CATEGORY DESCRIPTION: ROADS AND BRIDGES

Currently, there are approximately 150 miles of County-owned roads. Roads are rated on a New York State Department of Transportation (NYSDOT) scale known as the Pavement Condition Index (PCI). The scale ranges from 0 to 100; the lower the PCI number, the more extensive the needed rehabilitation. The County owns or has the maintenance responsibility for 159 bridges. NYSDOT inspects the bridges every two years to assess the physical condition of each bridge. The bridges are rated from 1 to 7, with 7 being the best. Bridges with a rating under 5 warrant rehabilitation and bridges with a rating under 3 are in need of major repairs. The five-year program proposes to repair or replace eight bridges within the County, which have been rated by the NYSDOT as deficient or in need of rehabilitation.

ANALYSIS OF 2023 CAPITAL PROGRAM

The Department of Public Works and Transportation has submitted requests to fund 19 Parkway, Road and Bridge projects in 2023 for a total amount of \$59,605,000. All projects are rated PL2, with three projects rated PL2HP due to historic concerns.

The Department of Public Works and Transportation should consider the cost and benefit of bridge rehabilitation projects, particularly for those bridges with low daily traffic and having nearby alternative routes to serve the surrounding areas, including emergency service response impacts. Keeping bridges open only for pedestrians and cyclists should be considered as an alternative if feasible.

Each Parkway, Road and Bridge Project is required to consider and incorporate the County's **Complete Streets Policies** to consider "multi-use" features when constructing or renovating County roadways. A Complete Street is a roadway planned and designed to consider the safe, convenient access and mobility of all roadway users of all ages and abilities. This includes pedestrians, bicyclists, public transportation riders, and motorists. Some design features include sidewalks, lane striping, bicycle lanes, signal recognition of bicycles, paved shoulders suitable for use by bicyclists, signage, crosswalks, pedestrian control signals, bus shelters and other accommodations, curb cuts, raised crosswalks, ramps and traffic calming measures. The County Board of Legislators has adopted revised policies on Complete Streets as per Act 2021-184.

All road projects should prioritize the inclusion of protected bike lanes or raised cycle tracks, exclusive bus lanes as well as sidewalks. The projects should include a study of the entire Right-of-Way and also incorporate any planned development adjacent to the roadway that would impact the usage of the Right-of-Way.

All road projects should prioritize public transit and consider elements like exclusive bus lanes, bus queue-jumps, signal prioritization and bus lane enforcement mechanisms such as cameras on buses or adjacent to the bus lanes.

EV chargers should never be placed alongside on-street public parking spaces, and instead be placed in off-street lots which are abundant in the County. The Board is concerned that installing chargers will lock-in the space adjacent to the curb for this use, preventing future re-allocation of the street. The Board is also concerned with the placement of EV chargers in the pedestrian right-of-way as yet another obstacle to the free flow of pedestrians.

Reviews of Road & Bridge project requests consider:

- relationship to "**Westchester 2025**", the County Planning Board's long-range land use planning policy
- relationship to the Transportation Improvement Program (TIP)
- relationship to municipal comprehensive plans
- impacts on community
- potential for bikeways/trailways, pedestrian needs, and linkages
- relationship to proposed developments in the area
- traffic management
- historic preservation on those bridges/culverts so designated or having potential for designation
- environmental procedures to protect water quality during and after construction of the bridges or culverts over water bodies and roads within any reservoir watersheds.

Bridge Condition Rating (BCR) and Pavement Condition Rating (PCI)

Bridge Condition Rating System

In New York State, bridge inspectors assess all bridge components. They are required to evaluate, assign a condition score and associated quantities, and document the condition of structural elements on a span basis, in addition to general components common to all bridges. NYSDOT also computes an overall New York State condition rating for each bridge by combining the ratings of individual components using a weighted average formula. This formula assigns greater weights to the ratings of the bridge elements having the greatest structural importance and lesser weights for minor structural and non-structural elements. If a bridge has multiple spans, each element common

to the spans is rated and the lowest individual span element rating is used in the condition rating formula. The NYSDOT condition rating scale ranges from 1 to 7, with 7 being in new condition and a rating of 5 or greater considered as good condition.

1. Potentially Hazardous.
2. Serious deterioration but not hazardous.
3. Serious deterioration or not functioning as originally designed.
4. Slight deterioration or minimally functioning as designed.
5. Minor deterioration and is functioning as originally designed.
6. Very minor deterioration.
7. New Condition.

Pavement Condition Index

The Pavement Condition Index (PCI) is used to identify repair strategies that could be applied to the individual road segments within the County Road network. These ratings are matched with the repair relationships/ strategies as outlined below in order to create a prioritized ranking of candidate projects for funding under the Capital Program.

| PCI | Treatment Category | Recommended Treatment |
|------------|-----------------------------|--|
| 0-40 | Total Reconstruction/ | Subbase repairs, new drainage, major rehabilitation resurfacing (6" - 10" asphalt) |
| 41-70 | Rehabilitation (Structural) | Mill and overlay (two or three course overlay) |
| 71-80 | Preventive Maintenance | Crack sealing (extensive), major patching, thin overlay, resurfacing |
| 81-90 | Routine Maintenance | Crack sealing (minimal), minor patching |
| 91-100 | No Action Required | No maintenance required |

P0024 Bronx River Parkway Rehabilitation Program

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|--------|--------|------|------|-----------------|
| Gross Non-County Share | 81,950 | 40,600 | 8,725 | 18,820 | 13,805 | | | |
| County Share | 81,950 | 40,600 | 8,725 | 18,820 | 13,805 | | | |

Project Description

This project will fund the rehabilitation of the roadway surface on the Bronx River Parkway. These projects will provide a life span of 15 to 20 years on the asphalt surface. These projects will also provide for the implementation of stormwater management practices as required by the NYS DEC.

Appropriation Requests

2011: Design, Construction and Construction Management.
 2012: Design, Construction and Construction Management.
 2016: Design, Construction and Construction Management.
 2021: Design, Construction and Construction Management.
 2022: Design, Construction and Construction Management.
 2023: Design, Construction and Construction Management.
 2024: Design, Construction and Construction Management.
 2025: Design, Construction and Construction Management.

Justification

To maintain a safe travelway.

| Segment | From | To | Distance | PCI (2019) | AADT |
|---------|----------------|-------------------|----------|------------|---------|
| 0 | Bronx Line | Sprain Brook Pkwy | 2.92 | 60 | 123,061 |
| 1 | Sprain Pkwy | Scarsdale Road | 1.41 | 46 | 84,647 |
| 2 | Scarsdale Road | Leewood Drive | 1.22 | 59 | 30,162 |
| 3 | Leewood Drive | Harney Road | 0.77 | 57 | 31,849 |
| 4 | Harney Road | Crane Road | 1.02 | 63 | 31,849 |
| 5 | Crane Road | Fenimore Road | 1.33 | 56 | 28,897 |
| 6 | Fenimore Road | County Center | 2.29 | 64 | 25,877 |
| 7 | County Center | Fisher Lane | 0.85 | 52 | 31,099 |
| 8 | Fisher Lane | Kensico Dam Plaza | 1.52 | 67 | 31,099 |
| TOTAL | | | 13.33 | | |

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation Infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2HP: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address safety, aesthetic and environmental planning concerns. This project will be referred to the Westchester Historic Preservation and Advisory Committee (HPAC) for their review and recommendations.

P0032 Playland Parkway, CR 152, Rye

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 3,350 | | 3,350 | | | | | |
| County Share | 3,350 | | 3,350 | | | | | |

Project Description

This project will fund the rehabilitation of approximately 1.14 miles of roadway from Playland Parkway Access Road (CR 147)/Thruway Access Road (CR 148) to Forest Avenue, and the Boston Post Road Access Ramp including milling; resurfacing; concrete curb replacement and drainage repairs.

Appropriation Requests

2023: Design, Construction, and Construction Management.

Justification

Improvements will maintain a safe travelway.

PCI: 68 (2019)

Annual Average Daily Traffic of 6,016

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2HP: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address safety, aesthetic and environmental planning concerns. This project will be referred to the Westchester Historic Preservation and Advisory Committee (HPAC) for their review and recommendations. [The Planning Board recommends that the design of this project include consideration of a road diet and use the extra space for exclusive bus lanes.](#)

RB03Z Pump House Road Over Peekskill Hollow Brook, Cortlandt (BIN 3348430)

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 3,970 | 820 | 3,150 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 3,970 | 820 | 3,150 | | | | | |

Project Description

This project will fund the removal and replacement of the existing asphalt wearing surface and waterproofing; structural deck rehabilitation; replacement of the existing joint system with a new elastomeric concrete joint system; existing bearings to be replaced with new elastomeric bearings; rehabilitation of undermined footing areas and concrete wing walls; and the railing system to be strengthened as necessary and associated work.

Appropriation Requests

2021: Design.

2023: Construction and Construction Management.

Justification

Improvements will maintain a safe travelway.

Bridge Rating 4.69

Annual Average Daily Traffic of 1,618 (2020)

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with “**Westchester 2025**”, the County Planning Board’s long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes. As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address safety, aesthetic and environmental planning concerns. The Board recommends that DPWT consider the costs of maintaining this and similar bridges where nearby alternate routes may allow the decommissioning of a bridge and reducing the associated long-term cost of maintenance and repair. [The Planning Board recommends adding a sidewalk to the bridge to enhance pedestrian safety.](#)

RB04E Austin Avenue Bridge over I-87, Yonkers (BIN 3368150)

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 9,900 | 1,400 | 8,500 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 9,900 | 1,400 | 8,500 | | | | | |

Project Description

This project will fund the rehabilitation of the existing structure including replacement of the deck joints, bearing pads, concrete deck, painting of the existing steel members, reconstruction of the abutment walls and associated work. The structure was built in 1992 and is 180' long by 57.5' wide.

Appropriation Requests

2021: Design.

2023: Construction and Construction Management.

Justification

Improvements will maintain a safe travelway.

Bridge Rating 4.48

Annual Average Daily Traffic of 6,420 (2018)

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation Infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements with the following recommendations: The Stew Leonard's/Austin Avenue Bridge is the center of a route connecting two large commercial developments, Stew Leonard's/Costco/Home Depot, and Ridge Hill. There is no safe way to travel between them on foot, bicycle or other micro-mobility method on the bridge or the connecting roads. Prevailing speeds on the one-way paired Sprain Road (a service road for I-87), exceed the 30mph posted speed limit and the risks of serious injury or death for pedestrians and bicyclists are high.

The bridge rehabilitation should be the first leg of the creation of a curb-raised lane, or protected bike lane or multi-use path, connecting the two developments. At a minimum, the bridge lanes should be narrowed with paint to enable the creation of a shoulder, although the AADT of 6,420 may justify reducing the number of lanes to one in each direction with a center turn lane. Jersey barriers may serve to provide protection for non-motorists as motorists tend to drive illegally in painted shoulders.

Future rehabilitations of the connecting roads should require similar treatments for protecting pedestrians and bicyclists. The County should work with the City of Yonkers and State DOT. Destinations for this network of sidewalks, protected bike lanes or multi-use paths should reach the Westchester Material Recovery Facility, Jackson Avenue and perhaps Route 9A in Hastings-on-Hudson, Tuckahoe Road, and the Homefield neighborhood in Yonkers. It should be noted that the Homefield neighborhood would only be connected for pedestrians, bicycles and micro-mobility modes; cars would still be denied access. Such a network would also increase access to the trail network of the County's Sprain Ridge Park accessible via the northern side of Ridge Hill. Planning Department staff will monitor the progress of design to address safety, aesthetic, and environmental planning concerns.

RB04F Gallows Hill Road Bridge over Peekskill Hollow Brook, Pound Ridge (BIN

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 3,700 | | 3,700 | | | | | |
| County Share | 3,700 | | 3,700 | | | | | |

Project Description

This project will fund the rehabilitation of the existing structure including replacement of the existing concrete deck and wearing surface, waterproofing, painting and repairs of the structural steel members, replacement of the railing, sidewalk and utility support and associated work.

Appropriation Requests

2023: Design, Construction, and Construction Management.

Justification

To maintain the County's infrastructure and provide a safe travelway.

Bridge Rating: 4.63 (2019)

AADT: 4,030

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address safety, aesthetic, and environmental planning concerns.

RB04G Park Avenue Bridge over Beaver Swamp Brook, Harrison (BIN 3348010)

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|-------|------|------|------|-----------------|
| Gross Non-County Share | 7,220 | | 865 | 6,355 | | | | |
| County Share | 7,220 | | 865 | 6,355 | | | | |

Project Description

This project will fund the replacement of the existing structure with a precast box structure. A hydraulic study will be performed during design to determine if clearance is an issue. Additional funding may be required depending on the outcome of the study.

Appropriation Requests

2023: Design.

2024: Construction and Construction Management.

Justification

To maintain the County's infrastructure and provide a safe travelway.

Bridge Rating: 4.722 (2017)

AADT: 2,640

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address safety, aesthetic, and environmental planning concerns.

RB04I Murray Avenue Bridge over Community Park, Mamaroneck (BIN 3348250)

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|-------|------|------|------|-----------------|
| Gross Non-County Share | 8,700 | | 1,025 | 7,675 | | | | |
| County Share | 8,700 | | 1,025 | 7,675 | | | | |

Project Description

This project will fund the rehabilitation of the existing structure including replacement of the brick parapet walls, asphalt approach resurfacing, waterproofing of the top of the concrete arch, roadway slab and sidewalks, and associated work.

Appropriation Requests

2023: Design.

2024: Construction and Construction Management.

Justification

To maintain the County's infrastructure and provide a safe travelway.

Bridge Rating: 4.68 (2021)

AADT: 6,270

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address safety, aesthetic, and environmental planning concerns. [The Planning Board recommends that the rehabilitation of the bridge over Community Park should include a road diet to reduce the crossing distance, possibly creating enough space to include parking-protected bike lanes.](#)

RB04J Tuckahoe Road Bridge over Bronx River Parkway, Yonkers (BIN 3348000)

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|------|-------|------|------|------|-----------------|
| Gross | 3,400 | | 900 | 2,500 | | | | |
| Non-County Share | | | | | | | | |
| County Share | 3,400 | | 900 | 2,500 | | | | |

Project Description

This project will fund the rehabilitation of the existing structure. The project will address the deterioration of the existing arch, asphalt approach resurfacing and waterproofing of the top of the concrete arch, roadway slab and sidewalks, and associated work.

Appropriation Requests

2023: Design.

2024: Construction and Construction Management.

Justification

To maintain the County's infrastructure and provide a safe travelway.

Bridge Rating: 4.33 (2021)

AADT: 8,375

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2HP: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address safety, aesthetic, and environmental planning concerns. The Planning Board recommends a raised cycle track adjacent to the sidewalks on the bridge. This project will be referred to the Westchester Historic Preservation and Advisory Committee (HPAC) for their review and recommendations.

RB04N NYS Route 22 Bridge over Armonk Road Connection, CR 68, North Castle (BIN 1016550)

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|--------|------|------|------|-----------------|
| Gross | 14,000 | | 1,000 | 13,000 | | | | |
| Non-County Share | | | | | | | | |
| County Share | 14,000 | | 1,000 | 13,000 | | | | |

Project Description

This project will fund the replacement of the existing structure with a precast arch with stone facing and associated work.

Appropriation Requests

2023: Design.

2024: Construction and Construction Management.

Justification

To maintain the County's infrastructure and provide a safe travelway.

Bridge Rating: 4.19 (2020)

AADT: 12,904

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with “**Westchester 2025**”, the County Planning Board’s long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address safety, aesthetic, and environmental planning concerns.

RB04S Roadway Culvert Rehabilitation and Replacement

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 1,525 | | 1,525 | | | | | |
| County Share | 1,525 | | 1,525 | | | | | |

Project Description

This project will fund the rehabilitation or replacement of existing roadway culvert structures under the jurisdiction of the Department of Public Works and Transportation. The 2023 request is for a study to inspect and evaluate the roadway culvert structures and determine if any maintenance, rehabilitation or replacement is required. The study will establish recommendations and a schedule based on priorities. In addition, the request will fund the design, construction management and construction for the replacement of the Cemetery Road culvert in White Plains.

Appropriation Requests

2023: Design, Construction and Construction Management.

Justification

To maintain the County's infrastructure and provide a safe travelway.

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address safety, aesthetic, and environmental planning concerns.

RB180 Central Park Avenue, CR 47-I/II/IIA/IV, Yonkers

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|--------|------|------|------|------|-----------------|
| Gross Non-County Share | 19,000 | 1,925 | 17,075 | | | | | |
| County Share | 19,000 | 1,925 | 17,075 | | | | | |

Project Description

This project will fund the rehabilitation of approximately 5.57 miles of roadway from the Bronx/Westchester County Line to the NYS Thruway Bridge and the rehabilitation of the Central Avenue access ramps to and from Palmer Road, a distance of approximately 0.38 miles. The work will include milling; resurfacing; concrete curb replacement; drainage repairs; new traffic loops; new pavement markings and related work.

Appropriation Requests

2022: Design.

2023: Construction and Construction Management.

Justification

To maintain a safe travelway.

AADT: 10,567

PCI: 67 (2019)

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with “**Westchester 2025**”, the County Planning Board’s long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. The Planning Board notes that this is a key north-south roadway on which it is very dangerous to ride a bicycle. The pedestrian experience is also dangerous due to its proximity to I-87. The Planning Board recommends a raised cycle track or protected bicycle lane with concrete, steel or, at a minimum, parked cars as barriers. The Planning Board recommends this project incorporate Complete Streets design features which consider the safe, convenient access, and mobility of all roadway users of all ages and abilities. Planning Department staff will monitor the progress of design to address physical and environmental planning concerns including pedestrian and bicycle safety as well as stormwater management.

RB210 Pelham Shore Road, CR 65A, Pelham

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|------|------|------|------|-----------------|
| Gross Non-County Share | 800 | | 800 | | | | | |
| County Share | 800 | | 800 | | | | | |

Project Description

This project will fund the rehabilitation of approximately 0.32 miles of roadway from Pelham Manor/New Rochelle line to Bronx line including milling; resurfacing; concrete curb replacement; drainage repairs; new traffic loops; new pavement markings and related work.

Appropriation Requests

2023: Design, Construction and Construction Management.

Justification

To maintain a safe travelway.

AADT: 10,642

PCI: 62 (2019)

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address physical and environmental planning concerns including pedestrian and bicycle safety as well as stormwater management. The Planning Board recommends this project incorporate Complete Streets design features which consider the safe, convenient access, and mobility of all roadway users of all ages and abilities.

RB212 Bryant Avenue, CR 153, White Plains

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 2,500 | | 2,500 | | | | | |
| County Share | 2,500 | | 2,500 | | | | | |

Project Description

This project will fund the rehabilitation of approximately 0.64 miles of roadway from North Street to Westchester Avenue eastbound including milling; resurfacing; concrete curb replacement; drainage repairs; new traffic loops; new pavement markings and related work.

Appropriation Requests

2023: Design, Construction and Construction Management.

Justification

To maintain a safe travelway.

AADT: 7,129

PCI: 64 (2019)

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with “**Westchester 2025**”, the County Planning Board’s long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address physical and environmental planning concerns including pedestrian and bicycle safety as well as stormwater management. The Planning Board recommends this project incorporate Complete Streets design features which consider the safe, convenient access, and mobility of all roadway users of all ages and abilities. The Planning Board recommends that the design of this project include consideration of future bus service needs. This divided highway has a relatively low AADT of about 7,000, and lacks sidewalks or bicycle facilities. Its location near a school makes it a prime candidate for a road diet. The expectation of the Planning Department is that the adjacent office parks will one day be repurposed with residential and retail uses. New concrete curb could provide an opportunity to use space for a curb-raised trail with pedestrian/bicycle separation. This will also provide for safe ped/bike connectivity if adjacent office parks continue to see residential development.

RB214 Lake Street, CR 32B, White Plains

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|------|------|------|------|-----------------|
| Gross Non-County Share | 425 | | 425 | | | | | |
| County Share | 425 | | 425 | | | | | |

Project Description

This project will fund the rehabilitation of approximately 0.23 miles of roadway from the entrance to Delfino Park to Harrison Boulevard including milling; resurfacing; concrete curb replacement; drainage repairs; new traffic loops; new pavement markings and related work.

Appropriation Requests

2023: Design, Construction and Construction Management.

Justification

To maintain a safe travelway.

AADT: 13,208

PCI: 54 (2019)

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with ***“Westchester 2025”***, the County Planning Board’s long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address physical and environmental planning concerns including pedestrian and bicycle safety as well as stormwater management. The Planning Board recommends this project incorporate Complete Streets design features which consider the safe, convenient access, and mobility of all roadway users of all ages and abilities. [The Planning Board notes that the crossing distance of 50 foot is dangerous for pedestrians, particularly with an AADT of over 13,000. The Board recommends reducing the pedestrian crossing distance. Adding protected bike lanes could reduce the crossing distance, and add another segment of bike lane to the segment on Lake Street to the southwest.](#)

RB233 Virginia Road, CR 35/51, Mount Pleasant/North Castle

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|------|------|------|------|-----------------|
| Gross Non-County Share | 600 | | 600 | | | | | |
| County Share | 600 | | 600 | | | | | |

Project Description

This project will fund the rehabilitation of approximately 0.26 miles of roadway from the Bronx River Parkway to 270' north of the Bronx River Parkway and 836' north of North Broadway to Washington's Headquarters including milling; resurfacing; guide rail replacement; curb replacement; drainage work; new traffic signal loops; new pavement markings and related work.

Appropriation Requests

Justification

To maintain a safe travelway.

CR 35 Virginia Road: Bronx River Parkway to 270' north of the Bronx River Parkway

AADT: 10,384

PCI: 69 (2019)

CR 51 Virginia Road: 836' north of North Broadway to Washington's Headquarters

AADT: 7,626

PCI: 61 (2019)

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address physical and environmental planning concerns including pedestrian and bicycle safety as well as stormwater management. The Planning Board recommends this project incorporate Complete Streets design features which consider the safe, convenient access, and mobility of all roadway users of all ages and abilities. [The Planning Board recommends that sidewalks be built along the entire length of the road, not just shoulders.](#)

RB234 Heathcote Bypass, CR 143, Scarsdale

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|------|------|------|------|-----------------|
| Gross Non-County Share | 775 | | 775 | | | | | |
| County Share | 775 | | 775 | | | | | |

Project Description

This project will fund the rehabilitation of approximately 0.61 miles of roadway from the pedestrian overpass to Secor Road including milling; resurfacing; guide rail replacement; drainage work; new traffic signal loops; new pavement markings and related work.

Appropriation Requests

2023: Design, Construction, Construction Management.

Justification

To maintain a safe travelway.

AADT: 4,740

PCI: 62 (2019)

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address physical and environmental planning concerns including pedestrian and bicycle safety as well as stormwater management. The Planning Board recommends this project incorporate Complete Streets design features which consider the safe, convenient access, and mobility of all roadway users of all ages and abilities.

RB235 Pearl Street, CR 43, Port Chester

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|------|------|------|------|-----------------|
| Gross Non-County Share | 420 | | 420 | | | | | |
| County Share | 420 | | 420 | | | | | |

Project Description

This project will fund the rehabilitation of approximately 0.11 miles of roadway from Irving Avenue to King Street including milling; resurfacing; curb replacement; drainage work; new traffic signal loops; new pavement markings and related work.

Appropriation Requests

2023: Design, Construction, Construction Management.

Justification

To maintain a safe travelway.

AADT: 5,469

PCI: 69 (2019)

Consistency with Programs or Plans

This is a programmed project. The proposed project is consistent with “**Westchester 2025**”, the County Planning Board’s long-range planning policy document, as it will maintain existing transportation infrastructure and ease movement on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address physical and environmental planning concerns including pedestrian and bicycle safety as well as stormwater management. The Planning Board recommends this project incorporate Complete Streets design features which consider the safe, convenient access, and mobility of all roadway users of all ages and abilities.

The Planning Board recommends that, as curbs are being replaced, the Count and Village consider road narrowing to restore the street to a width matching Pearl Street south of Irving Avenue. Returning land to the adjacent property owners will help add to the square footage of the adjacent properties which will almost certainly be redeveloped, adding to Port Chester’s tax base.

RB236 North Division Street/South Street, CR 63II, Peekskill

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|------|------|------|------|-----------------|
| Gross Non-County Share | 1,620 | 1,000 | 620 | | | | | |
| County Share | 1,620 | 1,000 | 620 | | | | | |

Project Description

This project will fund the rehabilitation of approximately 0.54 miles of roadway from Highland Avenue to Washington Avenue including milling; resurfacing; curb replacement; drainage work; new traffic signal loops; new pavement markings and related work. The project will also include North Division Street from Central Avenue to South Division Street and South Street from South Division Street to Washington Avenue.

Appropriation Requests

2022: Design, Construction, Construction Management.

2023: Budget adjustment to include additional roadway.

Justification

To maintain a safe travelway.

AADT: 5,992

PCI: 75

Consistency with Programs or Plans

The project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation infrastructure, ease movement and improve safety on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address physical and environmental planning concerns including stormwater management. The Planning Board recommends this project incorporate Complete Streets design features which consider the safe, convenient access, and mobility of all roadway users of all ages and abilities.

RB237 East/West Main Street, CR25/25I, Peekskill

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 6,150 | 2,500 | 3,650 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 6,150 | 2,500 | 3,650 | | | | | |

Project Description

This project will fund the rehabilitation of approximately 1.4 miles of East Main Street from the Cortlandt/Peekskill Line to Broad Street and approximately 0.5 miles of West Main Street from North Division Street to Route 9 including milling; resurfacing; curb replacement; drainage work; new traffic signal loops; new pavement markings and related work. East Main Street from Cortlandt/Peekskill Line to Dayton Lane has been added to the scope of the project.

Appropriation Requests

2022: Design, Construction, Construction Management.

2023: Budget Adjustment to include additional roadway.

Justification

To maintain a safe travelway.

AADT: 12,346

PCI: 76 (2019)

Consistency with Programs or Plans

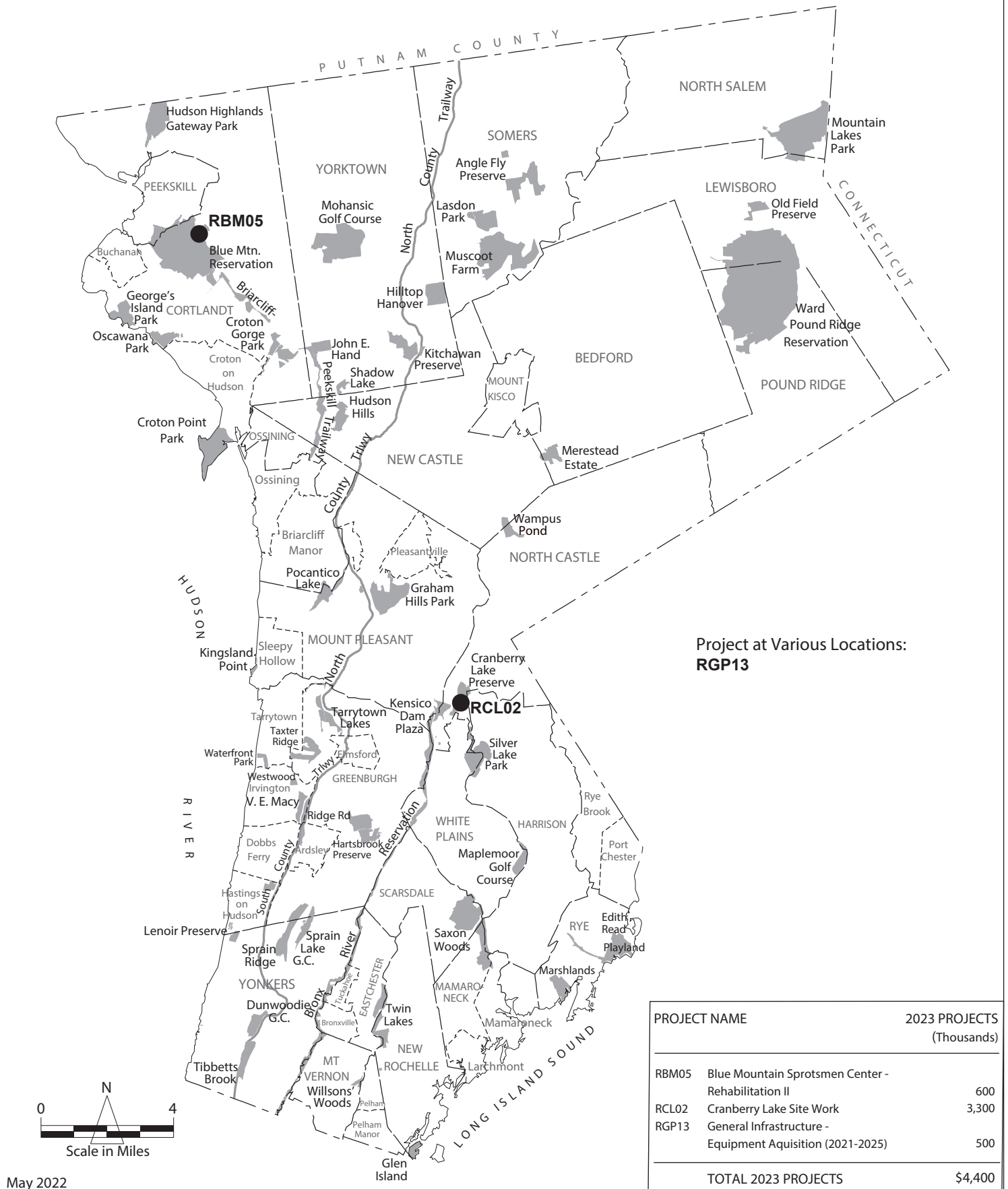
The project is consistent with "**Westchester 2025**", the County Planning Board's long-range planning policy document, as it will maintain existing transportation infrastructure, ease movement and improve safety on travel routes.

As per Westchester County policy, stormwater management must be addressed with every capital project where feasible. Designs should comply with the latest version of the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports the proposed improvements. Planning Department staff will monitor the progress of design to address physical and environmental planning concerns including stormwater management. The Planning Board recommends this project incorporate Complete Streets design features which consider the safe, convenient access, and mobility of all roadway users of all ages and ability.

WESTCHESTER COUNTY, NEW YORK



May 2022

2023 CAPITAL PROJECT REQUESTS CATEGORY: PARKS RECREATION AND CONSERVATION

CATEGORY DESCRIPTION

County parks encompass about 18,000 acres representing over 6% of the land area in Westchester County. Facilities include: a countywide trailway system for bicyclists and pedestrians, golf courses, picnic facilities, playgrounds, water recreation, such as swimming pools, beaches and boat launches, nature preserves, campgrounds and two interpretive farms. The historic amusement park, Playland, also under the direction of the County Parks Department, is reviewed under a separate category.

ANALYSIS OF OVERALL CAPITAL PROGRAM

The projects in the 2023-2027 five-year capital program focus on restoration, renovation and rehabilitation of existing facilities. These projects address the wide range of recreational services provided to county residents. Some projects involve modernizing existing facilities to bring them up to current standards. Other projects renovate deteriorating conditions such as resurfacing pavement or rehabilitating buildings. Several projects are intended to renovate existing facilities including playground/picnic area renovations, dam repair/removal, and septic system replacement at various locations throughout the park system.

The Planning Board recognizes the challenges currently faced by the Parks Department in completing the variety of projects that have already been approved in past budgets yet have been delayed due to budget and staffing realities. Planning, DPWT, and Budget will continue to assist Parks staff in the evaluation and prioritization of existing and future projects and in the review of its long-range capital program.

It is Westchester County policy to address sustainability, universal access and stormwater management with every capital project. Projects should be implemented utilizing green infrastructure practices such as reduction of pavement, smallest impervious footprint possible, as a first course of action. Where possible, forms of multimodal transportation should be considered to also decrease new impervious surfaces and preserve pervious open space. Converting open space in a park to impervious uses such as buildings or parking lots should be considered only as a last resort, and the appropriate water quality/quantity stormwater management systems should be designed to compensate for the loss.

ANALYSIS OF 2023 CAPITAL PROGRAM

Funding is requested for three projects in 2023 for a total of \$3,300,000. The projects range from the annual vehicle request to two infrastructure rehabilitation projects at County Parks.

PARKS AND RECREATION

There is one project in this Department with a rating of PL1.

RGP13 General Infrastructure - Equipment Acquisition (2021-2025)
\$500,000

This project will fund the purchase vehicles and heavy equipment in the Parks inventory as many are old and worn and have reached the end of their useful life. The Planning Board recommends that vehicle purchase recommendations, shown on page 9, be considered for vehicle purchases.

RBM05 Blue Mountain Sportsmen Center Rehabilitation II

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|------|------|------|------|------|-----------------|
| Gross | 6,200 | 5,600 | 600 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 6,200 | 5,600 | 600 | | | | | |

Project Description

This project will provide funding for improvements and reconstruction of facilities at the Sportsmen Center. The project includes installation of a new pedestrian bridge, reconstruction of the lodge, including a new floor, steps, deck, roof, windows and doors, and the construction of a new maintenance/storage building to house equipment and ammunition. The proposed work also includes improvements to the entrance drive, range roadways, drainage, potable water system reconstruction, infrastructure improvements; including electric, telephone, and sanitary systems, parking lot improvements, including reorganizing circulation, stormwater collection, drainage, fencing, site-work, landscaping, and repaving. The 2023 request will fund the study and redesign of the lead collection system for the shooting range, improvements to the safety netting/curtain at the skeet range and associated infrastructure and site work.

Appropriation Requests

2011: Design.

2013: Construction and Construction Management.

2019: Cost Escalation.

2023: Design, Construction and Construction Management.

Justification

The Sportsmen's Center is the only public shooting range facility in Westchester County. This revenue producing Park includes pistol, small bore, large bore, trap skeet, and archery ranges. While serving the public on the weekends, the center also provides a location to train public safety, law enforcement officers, court officers, embassy staff and others from County and municipal agencies and other government agencies.

Consistency with Programs or Plans

This project is consistent with the County's Open Space Policies which identifies the provision of active recreation as a County policy. "**Westchester: 2025**", the County's long-range planning policy document, recommends the continued protection of cultural resources while enhancing the use of passive and active recreation facilities.

As per Westchester County policy, stormwater management must be addressed with every capital project. Designs should comply with the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports projects with the goal to keep park facilities in a well-maintained state. Performing physical improvements on a priority basis reflects a comprehensive approach to undertaking capital improvements. The scope of work should be compatible with the original design intent of the park's elements and should be consistent with the character of the park's landscaping and site features. Plans should be developed by DPWT and PRC that address site conditions including environmental, stormwater management, physical appearance and screening. Reducing or eliminating lead ammunition should be considered.

RCL02 Cranberry Lake Site Work

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 3,550 | 250 | 3,300 | | | | | |
| County Share | 3,550 | 250 | 3,300 | | | | | |

Project Description

This project will fund site improvements within the Cranberry Lake Preserve, a 188-acre natural area located in the Town of North Castle and the Town/Village of Harrison. Improvements will include resurfacing the entrance drive and parking lots, providing additional parking spaces, handicapped access to the nature center from the parking areas, accessible trails, outdoor classroom pavilion and boardwalk to the lake and associated site work and landscaping.

Appropriation Requests

2017: Design.

2023: Construction and Construction Management.

Justification

This wooded nature preserve has a total visitation of approximately 11,000 annually and provides an outdoor program for 40 school and scout groups annually. It is also the site of a popular summer camp and numerous weekend programs year round. Cranberry Lake Preserve offers a unique environmental opportunity to study a wide range of habitats. The preserve is rich in biodiversity, serving a very appropriate role as an educational showcase.

Consistency with Programs or Plans

This project is consistent with the County's Open Space Policies which identifies the provision of active recreation as a County policy. "**Westchester: 2025**", the County's long-range planning policy document, recommends the continued protection of cultural resources while enhancing the use of passive and active recreation facilities.

As per Westchester County policy, stormwater management must be addressed with every capital project. Designs should comply with the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2: The Planning Board supports projects with the goal to keep park facilities in a well-maintained state. Performing physical improvements on a priority basis reflects a comprehensive approach to undertaking capital improvements. The scope of work should be compatible with the original design intent of the park's elements and should be consistent with the character of the park's landscaping and site features. Plans should address site conditions including environmental, stormwater management, physical appearance, and screening.

The Planning Board recommends minimizing additional parking. We recommend studying alternative access methods such as a Bee Line Bus shuttle from existing transportation nodes like Valhalla and White Plains. The parking lot at the Valhalla train station may be a potential shared parking lot to be used for both the Kensico Plaza and Cranberry Lake Park on weekends with a shuttle. The Cranberry Lake Nature Center is approximately 2,000 feet from Kensico Park, as such, the County should consider the creation of transit, pedestrian and bicycle connections between the parks.



RP028
STRUCTURAL
RESTORATION

RP02A
ICE CASINO
IMPROVEMENTS

| | | | |
|--|--------------------|--------------------------------|-----------------|
| Westchester gov.com | | PLAYLAND PARK RYE, NEW YORK | |
| DEPARTMENT OF PLANNING MICHAELIAN OFFICE BUILDING 148 MARTINE AVENUE WHITE PLAINS, NY 10603 | | LOCATION MAP | |
| DRAWN BY: KAS | CHECKED BY: SBL | May 2022 | SCALE 1" = 200' |

2023 CAPITAL PROGRAM CATEGORY: PLAYLAND

CATEGORY DESCRIPTION

The historic Playland Park was opened by the County in 1928 as the first comprehensively designed family amusement park in the United States. Comprised of an amusement park, pool, bathhouse, ice casino, boardwalk, beach, boathouse, lake and nature preserve, Playland is listed on the National Register of Historic Places and is a National Historic Landmark. The park facilities and structures were designed both in the Art-Deco and Spanish Revival styles, with many of these buildings still in existence.

REINVENTING PLAYLAND

Since 1928 the focal point of Playland Park has been the amusement park, which today has 50 major rides and attractions. The prototype of today's modern theme parks, Playland was the country's first totally planned amusement park. Seven of its rides and several of its art deco buildings are designated as National Historic Landmarks. Current challenges that this park is facing involve the expense of maintaining the existing features while modernizing to current needs in a sustainable manner.

Some of the projects currently underway or in design at Playland include the reconstruction and repair of the Carousel and Derby Racer rides and pavilions, the rehabilitation of the colonnades and towers, rehabilitation of the Boardwalk, a new switchgear building, fire suppression system improvements, parking lot drainage improvements, rehabilitation of the Administration Buildings, and rehabilitation of the Playland Pool.

ANALYSIS OF THE 2023 CAPITAL PROGRAM

Two projects have been requested for funding in 2023 for a total of \$28,070,000, both are rated PL2HP. The Planning Board report and recommendations for these projects are presented on the following pages.

RP02A Ice Casino Improvements II

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|--------|------|------|------|------|-----------------|
| Gross | 37,870 | 19,300 | 18,570 | | | | | |
| Non-County Share | 350 | 350 | | | | | | |
| County Share | 37,520 | 18,950 | 18,570 | | | | | |

Project Description

This project will fund improvements necessary for the safe, efficient operation of the Ice Casino. The first phase of this project included the rehabilitation of the Studio rink. The 2022 appropriation funded the design and construction of the Studio rink project and the design of the general building improvements project. The 2023 request is for the construction of the general building improvements project.

Appropriation Requests

2008: Design.

2010: Construction and Construction Management.

2022: Design, Construction, and Construction Management.

2023: Construction and Construction Management.

Justification

This project is needed to address deterioration of this 86-year-old facility. The previous project RP002 has replaced an aging refrigeration system that had come to the end of its useful life and was not in compliance with federal regulations regarding the environment. Renovation of exterior lintels and masonry and windows was required to address life/safety issues of patrons both inside and outside the facility. Issues related to the historic preservation of this structure were also addressed.

Consistency with Programs or Plans

This project is consistent with the County's Open Space Policies which identifies the provision of active recreation as a County policy. "**Westchester: 2025**", the County's long-range planning policy document, recommends the continued protection of cultural resources while enhancing the use of passive and active recreation facilities.

As per Westchester County policy, stormwater management must be addressed with every capital project. Designs should comply with the NYS Stormwater Management Design Manual and the NYS Standards and Specifications for Erosion and Sediment Control.

Planning Board Analysis

PL2HP: The Planning Board supports projects with the goal to keep park facilities in a well-maintained state. Performing physical improvements on a priority basis reflects a comprehensive approach to undertaking capital improvements. The rehabilitation of Ice Casino is critical to ensuring the longevity of the park in a good state of repair. All phases of the project will be reviewed by the Planning Department staff and the County's Historic Preservation Advisory Committee (HPAC).

RP047 Playland Parking Lot Drainage Improvement

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 25,000 | 15,500 | 9,500 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 25,000 | 15,500 | 9,500 | | | | | |

Project Description

This project will fund the rehabilitation and resurfacing of parking lots and roads throughout Playland Park. This project will redesign the existing main parking lot to improve vehicular/pedestrian circulation, and resurface the existing Pool Parking Lot. Work will include relocation of ticket booths, resurfacing, lighting and associated infrastructure upgrades. The 2023 request will provide additional funding for the construction of the Main Parking Lot rehabilitation.

Appropriation Requests

2015: Design.

2016: Design.

2020: Construction and Construction Management.

2021: Construction and Construction Management.

2023: Construction and Construction Management.

Justification

During the operating season, attendees seeking to park at the main lot are delayed at the ticket booth upon entering the park and traffic backs up into nearby neighborhoods. Through reorganizing the main lot, traffic will be reduced in areas outside the park's boundaries in neighborhoods. Both the main lot and the Bathhouse lot are in need of resurfacing as they continue to show signs of normal wear and tear. The parking lots will be designed to incorporate pretreatment and stormwater management techniques.

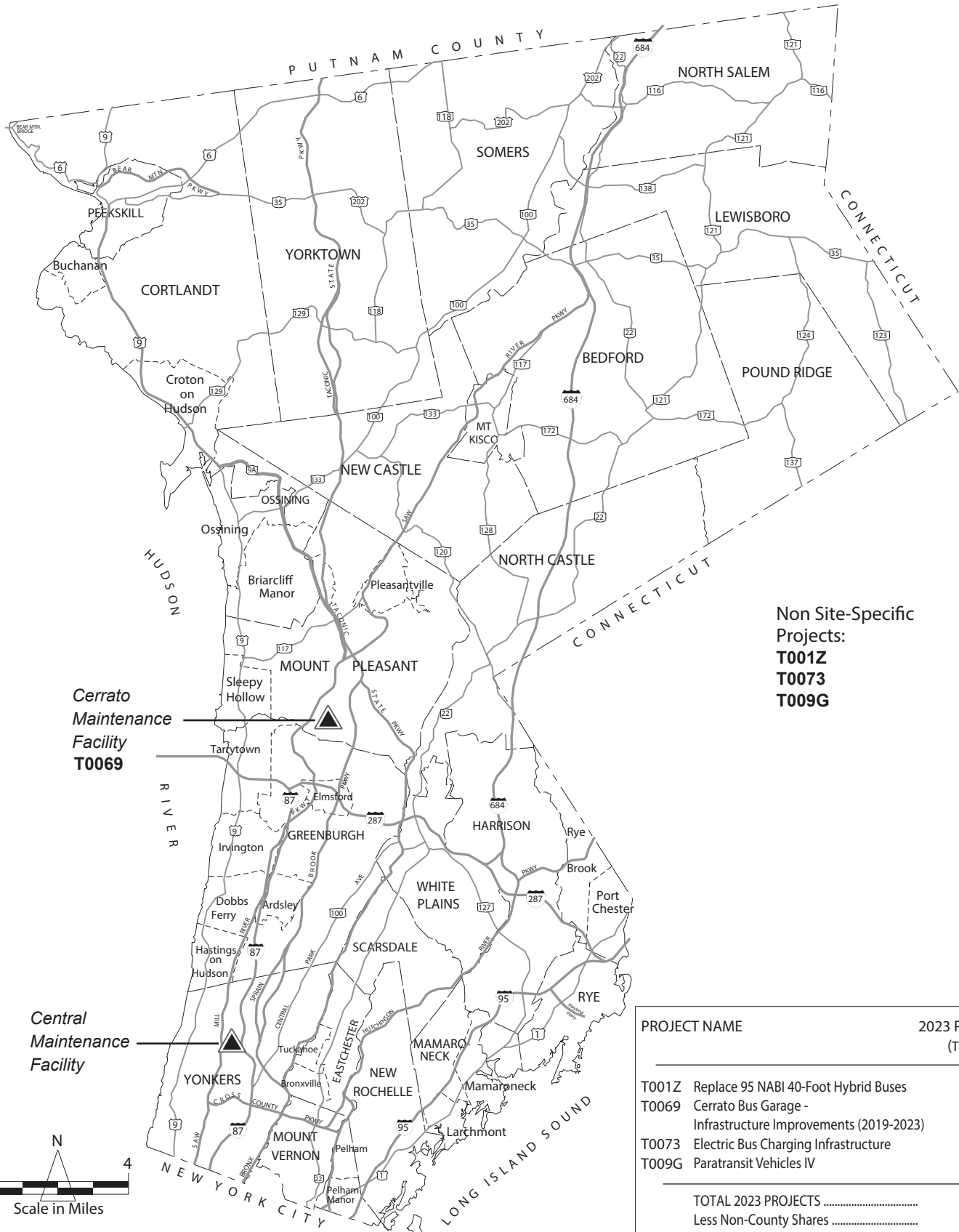
Consistency with Programs or Plans

The proposed improvements are consistent with the recommendations of the 2006 Playland Park Master Plan to "protect, enhance and expand the park's unique, historic and memorable environment". It is Westchester County policy to address sustainability, universal access and stormwater management with every capital project. Projects should be implemented utilizing green infrastructure practices such as reduction of pavement/smallest impervious footprint possible. In addition, facilities should be designed in a manner which provides a safe means for people with diverse abilities.

Planning Board Analysis

PL2HP: The Planning Board supports the proposed project and its goal to complete the rehabilitation of the park's parking lot. The project's proposed enhancements will benefit Playland and its infrastructure. Early and ongoing review is required if there are any impacts on exterior or architectural features due to the historically sensitive nature of the park, and modern stormwater management techniques should be undertaken to reduce the stormwater runoff and provide enhanced water quality. This project will be referred to the County's Historic Preservation Advisory Committee (HPAC).

WESTCHESTER COUNTY, NEW YORK



Non Site-Specific
Projects:
T001Z
T0073
T009G

| PROJECT NAME | | 2023 PROJECTS (Thousands) |
|------------------------------|---|------------------------------|
| T001Z | Replace 95 NABI 40-Foot Hybrid Buses | 95,025 |
| T0069 | Cerrato Bus Garage - | |
| | Infrastructure Improvements (2019-2023) | 735 |
| T0073 | Electric Bus Charging Infrastructure | 3,000 |
| T009G | Paratransit Vehicles IV | 1,750 |
| TOTAL 2023 PROJECTS | | \$385,776 |
| Less Non-County Shares | | \$73,555 |
| Net County Share | | \$304,221 |

May 2022

2023 CAPITAL PROJECT REQUESTS CATEGORY: TRANSPORTATION

CATEGORY DESCRIPTION

The Department of Public Works and Transportation (DPWT) manages the County's Transportation Capital Program which continues to focus primarily on the acquisition of equipment and rolling stock for the County's public transit system as well as improvements to its two bus garages. The Department's two garages are the Central Maintenance Facility (CMF) in Yonkers and the Cerrato Bus Facility at the County's Grasslands Campus in the Town of Mount Pleasant. Related projects aim to maintain the County's state-of-the-art public transit system by improving vehicle quality and ridership service and maintaining vehicle maintenance facilities in good condition.

The County Department of Planning has contracted with a consultant to produce a County Mobility Study to comprehensively assess the Bee-Line transit system. The Study is underway and will consider regional transit systems, bicycle routes and access, and Transportation Network Companies (TNC's) such as Uber and Lyft and their impacts upon and potential incorporation into the county's transit systems.

ANALYSIS OF OVERALL CAPITAL PROGRAM

In the past, about 80% of the cost of the Department's Capital Program was eligible for funding from outside aid in the form of entitlement or discretionary funds from the state and federal governments. Over the past several years, those funds have been reduced or are unavailable.

ANALYSIS OF 2023 CAPITAL PROGRAM

The Department of Public Works and Transportation has submitted requests to fund four transportation-related projects in 2023 totaling \$97,510,000.

For the purchase of large vehicles and trucks by the County, the Planning Board recommends that County departments consider design elements protecting people walking and cycling around vehicles as discussed on page 9. These elements could include "low cab forward" design to keep drivers close to street level, truck side guards to protect pedestrians and cyclists from falling under the wheels of trucks, crossview mirrors to help driver sightlines, and avoiding unnecessary equipment, like "bull bars," being added to the front of vehicles which may block sightlines of drivers.

ANALYSIS OF 2023 CAPITAL PROJECTS

Three projects are rated PL1 as they are purchase/upgrades of vehicles or equipment. One project is rated PL2; the Planning Board Report and Recommendations follow.

TRANSPORTATION

There are 3 projects in this Department with a rating of PL1.

T001Z Replace 95 NABI 40-Foot Hybrid Buses
\$95,025,000

This project provides funding for the procurement of up to (95) 40-foot buses to replace (95) 2009 NABI 40-foot hybrid buses. The project also includes appropriation for procurement related services, associated equipment and parts.

T0069 Cerrato Bus Garage - Infrastructure Improvements, Valhalla (2019-2023)
\$735,000

This project provides funding for infrastructure improvements at the Bee-Line Cerrato Bus Garage in Valhalla. Work will include replacement of an emergency generator, and the replacement of interior and exterior lighting. [The Planning Board recommends that the design of the improvements include bike parking and e-bike charging stations.](#)

T009G Paratransit Vehicles IV
\$1,750,000

This project provides funding for the acquisition of vehicles to maintain the County's ParaTransit service fleet at an adequate level of capacity and reliability to efficiently meet Federal and State guidelines for the delivery of this mandated service.

T0073 Electric Bus Charging Infrastructure

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 24,300 | 4,300 | 3,000 | | | | | 20,000 |
| Non-County Share | 3,000 | | 3,000 | | | | | |
| County Share | 21,300 | 4,300 | 0 | | | | | 20,000 |

Project Description

This project provides funding for a comprehensive needs assessment as well as the purchase and installation of charging infrastructure to support the addition of electric buses to the Bee-Line bus fleet. The needs assessment will determine the demand that will be required to add electric buses as well as the required infrastructure and equipment upgrades.

Appropriation Requests

2022: Study and Design.

2023: Study and Design (Non-County funds)

Under Review: Construction and Construction Management.

Justification

Westchester County considers the electrification of the Bee-Line bus fleet a priority. Zero emissions vehicles are critical to reducing diesel emissions associated with greenhouse gases. Before additional electric buses can be added to the fleet, electrification charging infrastructure must be in place.

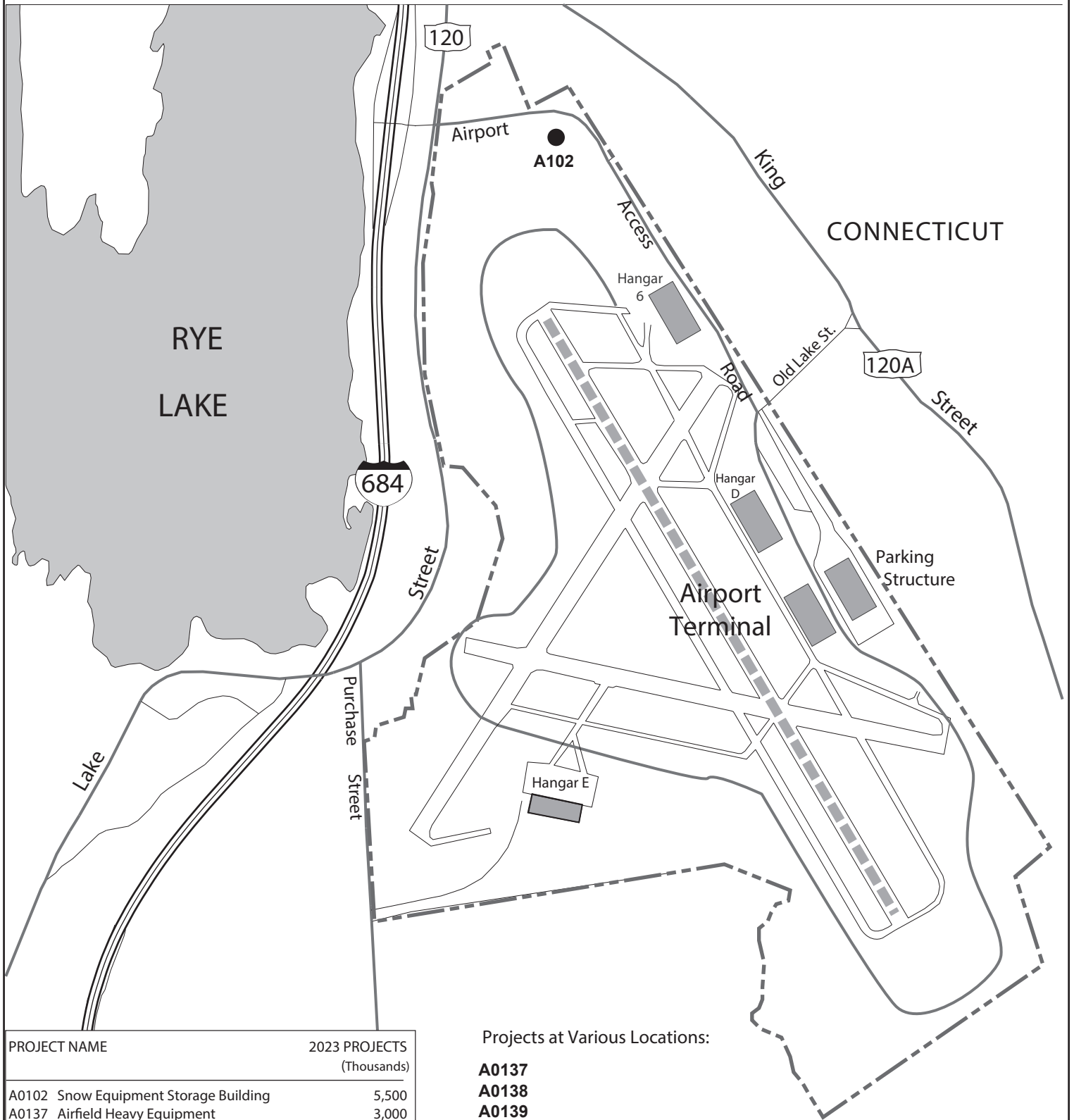
Consistency with Programs or Plans

The project is consistent with the "*Westchester 2025*", the County Planning Board's long-range land use policies, in that it will support transportation alternatives that improve the mobility choices of workers, consumers and residents and that improve air quality by enhancing the efficiency and effectiveness of vehicles.

Planning Board Analysis

PL2: The Planning Board supports this project. Plans will be reviewed by Planning Department staff for impacts on the various sites and vicinity within and near County facilities. The Planning Board recommends that the County study the potential to restore overhead catenary wire infrastructure in some locations to lessen the demand on bus batteries and reduce charging delays at end of trips.

WESTCHESTER COUNTY AIRPORT



| PROJECT NAME | 2023 PROJECTS (Thousands) |
|---|------------------------------|
| A0102 Snow Equipment Storage Building | 5,500 |
| A0137 Airfield Heavy Equipment | 3,000 |
| A0138 Ramp Service Equipment | 800 |
| A0139 Fuel Farm Improvements | 850 |
| A0140 Electrical, Data, and Security Systems Upgrades | 2,500 |
| A069A Aircraft Deicing System Implementation | 350 |
| TOTAL 2023 PROJECTS | \$13,000 |
| Less Non-Airport Shares | \$7,125 |
| Net Airport | \$5,875 |

Projects at Various Locations:

A0137
A0138
A0139
A0140
A069A



May 2022

2023 CAPITAL PROJECT REQUESTS

CATEGORY:TRANSPORTATION - AIRPORT

CATEGORY DESCRIPTION

The Department of Public Works and Transportation oversees operations at the Westchester County Airport. The day-to-day operations are undertaken through a long-term management contract with Macquarie Aviation North America, Inc., which expires in 2023. The 700-acre facility serves general aviation and limited commercial, commuter and corporate carriers. Approximately half of the cost of the Airport's five-year Capital Program is anticipated to come from non-County sources including the Federal Aviation Administration (FAA), in the form of Airport Improvement Program (AIP) funds and entitlement funds, discretionary funds and a Passenger Facility Charge (PFC) which is collected by the airlines. The Airport has operated as a Special Revenue Fund since January 1998. As a Special Revenue Fund, the Airport pays its own debt service and finances the County share of its Capital Projects.

OVERALL CAPITAL PROGRAM

The Capital Program for the Airport is based in part on the Airport Master Plan Update of 1986. The Master Plan outlined a comprehensive improvement of Airport facilities including construction of the new terminal building, rehabilitation of taxiways, and modernization of light general aviation facilities. The majority of the projects that were identified in the Master Plan have been completed. At this time, future projects, aside from those that are critical, are on temporary hold as a new Airport Master Plan is underway.

The Westchester County Board of Legislators has adopted an Airport Policy Statement in which it supports improving safety, increasing efficiency and upgrading facilities for Airport users, tenants, passengers and neighbors. The Airport Policy Statement affirms the Airport's commitment to achieving excellence in environmental protection. An Airport Security Master Plan, completed in 2003, identifies procedures and projects to improve security at the Airport.

ANALYSIS OF OVERALL CAPITAL PROGRAM

Westchester County Airport is currently undertaking an Airport Master Plan and Airport Layout Plan (ALP). A plan has not been developed since 1987, and it is necessary to identify those projects that will keep the Airport financially sound, environmentally sensitive and safe for the residents of Westchester and airport users while addressing the policies enumerated in the Airport Policy Statement adopted by the Board of Legislators in 1985. Changes in aviation technology and security make it especially important for the Airport to continually evaluate and update its needs and facilities. The Planning Board has advocated the development of a new master plan, which has also been supported by the FAA. The new master plan will outline capital improvements that should be undertaken which may lead to additional projects in the five-year plan.

The County and airport management have wisely taken note of increased competition from nearby metropolitan area airports (e.g., Stewart, Teterboro, Republic, and Danbury) to be home-base for corporate and FBO (Fixed Based Operator) aircraft. In 2021, the Airport had a total of 142,367 aircraft operations, approximately 9.5% of which were commercial, 62.7% corporate and 27.5% general aviation. Further, a total of 1,033,483 passengers passed through the main terminal in 2021, an increase of 587,704 passengers or 131% from 2020. Approximately 1,500 full-time equivalent jobs may be directly related to the County Airport.

ANALYSIS OF 2023 CAPITAL PROGRAM

Funding is requested for six projects in 2023 for a total of \$13,000,000. Two projects are rated PL1 and four are rated PL2; the Planning Board Report and Recommendation follow.

TRANSPORTATION - AIRPORT

There are 2 projects in this Department with a rating of PL1.

A0137 Airfield Heavy Equipment \$3,000,000

This project will fund the refurbishment of one Osh-Kosh ARFF fire-fighting truck purchased in 2003, two Osh-Kosh major snow blowers (purchased in 2004 and 2013), three Osh-Kosh front mounted brooms (purchased in 2012 and 2013), and two major snow plows (purchased in 2008).

A0138 Ramp Service Equipment \$800,000

This project will fund the purchase of three new diesel push-backs, replacing units that were originally purchased in 2003, 2010, and 2011. Additionally, one new additional air start will be purchased.

A069A Aircraft Deicing System Implementation

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|------|------|------|------|------|-----------------|
| Gross | 38,050 | 37,700 | 350 | | | | | |
| Non-County Share | 18,000 | 18,000 | | | | | | |
| County Share | 20,050 | 19,700 | 350 | | | | | |

Project Description

This project provides for the continuation of the Airport's deicing collection, conveyance, storage and disposal system. The 2023 request will fund the purchase of three Hach Biotectors for the deicing collection.

Appropriation Requests

2015: Design, Construction, and Construction Management of Phases 3 through 7 of the deicing pad.

2016: Construction and Construction Management.

2023: Purchase of Equipment.

Justification

The Airport is located in a highly sensitive environmental area and subject to strict New York State Department of Environmental Conservation and New York City Department of Environmental Protection regulations. Related to the 2023 request, the biotector units are eight-years-old and repair is difficult due to the unavailability of replacement parts. These units are a crucial part of the deicing collection system. Without these units the Airport cannot monitor the concentration of the spent deicing fluid which could potentially violate the Airport's SPDES permit and affect the ability to pump spent deicing fluid to the Blind Brook Wastewater Treatment Plant.

Consistency with Programs or Plans

This project is consistent with the County Board of Legislators' Airport Policy Statement which supports improving safety, increasing efficiency and up-grading facilities or providing better conditions for Airport users, tenants, and passengers.

Planning Board Analysis

PL2: The Planning Board is supportive of Airport projects that maintain the County's infrastructure. Planning Department staff will review plans for physical and environmental concerns and coordinate with other Airport projects.

A0102 Snow Equipment Storage Building

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 5,950 | 450 | 5,500 | | | | | |
| Non-County Share | 4,702 | 427 | 4,275 | | | | | |
| County Share | 1,248 | 23 | 1,225 | | | | | |

Project Description

This project provides for an ancillary snow equipment storage facility at the north end of the Airport. The 2023 request will fund the construction and construction management of the building.

Federal and State Grant Funds will be pursued for this project.

Appropriation Requests

2016: Design.

2021: Design.

2023: Construction and Construction Management.

Justification

In an effort to provide a safe operation during snow removal events, additional equipment and materials are required to continually meet Federal Aviation Administration (FAA) standards and minimize any airfield closures. As service responsibilities increase, the need for storage space increases to properly store the snow removal vehicles.

Consistency with Programs or Plans

This project is consistent with the County Board of Legislators' Airport Policy Statement which supports improving safety, increasing efficiency and up-grading facilities or providing better conditions for Airport users, tenants, and passengers. The new building will be coordinated with the update of the Airport Master Plan.

Planning Board Analysis

PL2: The Planning Board is supportive of Airport projects that improve safety, increase efficiency and upgrade facilities for travelers and employees. Planning Department staff will review plans for physical and environmental concerns and coordinate with other Airport projects. The Planning Department staff will monitor the progress the design to address safety and environmental concerns potentially related to stormwater management. This project will be coordinated with the Airport Master Plan update.

A0139 Fuel Farm Improvements

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|-------|------|------|------|-----------------|
| Gross Non-County Share | 5,500 | | 850 | 4,650 | | | | |
| County Share | 5,500 | | 850 | 4,650 | | | | |

Project Description

This project will fund the upgrades to the fuel storage and dispensing systems for aviation fuel and sustainable aviation fuel at the Westchester County Airport. The 2023 request will fund design and the 2024 request will fund the construction and construction management.

Appropriation Requests

2023: Design.

2024: Construction and Construction Management.

Justification

These improvements will improve the reliability, efficiency and sustainability of the Airport's Fuel Farm facility. The addition to the facility of sustainable aviation fuel is a non-fossil derived fuel.

Consistency with Programs or Plans

This project is consistent with the County Board of Legislators' Airport Policy Statement which supports improving safety, increasing efficiency and upgrading facilities or providing better conditions for Airport users, tenants, and passengers.

Planning Board Analysis

PL2: The Planning Board is supportive of Airport projects that improve safety, increase efficiency and upgrade facilities for travelers and employees. While the Planning Board is supportive of the concept of this project. Planning Department staff will review plans for physical and environmental concerns particularly stormwater management. This project will be coordinated with the Airport Master Plan.

A0140 Electrical, Data and Security Systems Upgrades

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|-------|------|------|------|-----------------|
| Gross | 5,150 | | 2,500 | 1,750 | 900 | | | |
| Non-County Share | | | | | | | | |
| County Share | 5,150 | | 2,500 | 1,750 | 900 | | | |

Project Description

This project provides funding for the design, equipment, and construction of the upgrades to the electrical infrastructure at the Airport Parking Structure and the upper Rental Car Service Area. The 2023 request will fund the Airport's access control, emergency alert system, video and badging system. The 2024 allocation will fund the relocation and enclosure of the high voltage switching stations G, E, LV, T and the King Street Station.

Appropriation Requests

2023: Design, Equipment, Construction, and Construction Management.

2024: Design, Construction, and Construction Management.

2025: Design, Construction, and Construction Management.

Justification

The requested upgrades to electrical systems will replace components that have reached the end of their useful life in addition to meeting all current codes and regulations. The upgrades will result in an increase in reliability and safety. The requested upgrades to the security systems will ensure the security and safety of the Westchester County Airport and maintain the Airport's compliance with Transportation Security Administration's regulations and best practices.

The County Executive tasked the County to explore the installation of electric vehicle charging stations in county properties. This project is also consistent with the NYS Governor's Charge NY Initiative to accelerate the growth of the electric vehicle market in New York State through education, research, consumer outreach, and financial support for the installation of charging stations across New York. NYSERDA, NYPA, and NYSDEC will collaborate with the County on this initiative as part of the State's goal to reduce greenhouse gas emissions by 40 percent by 2030.

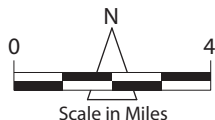
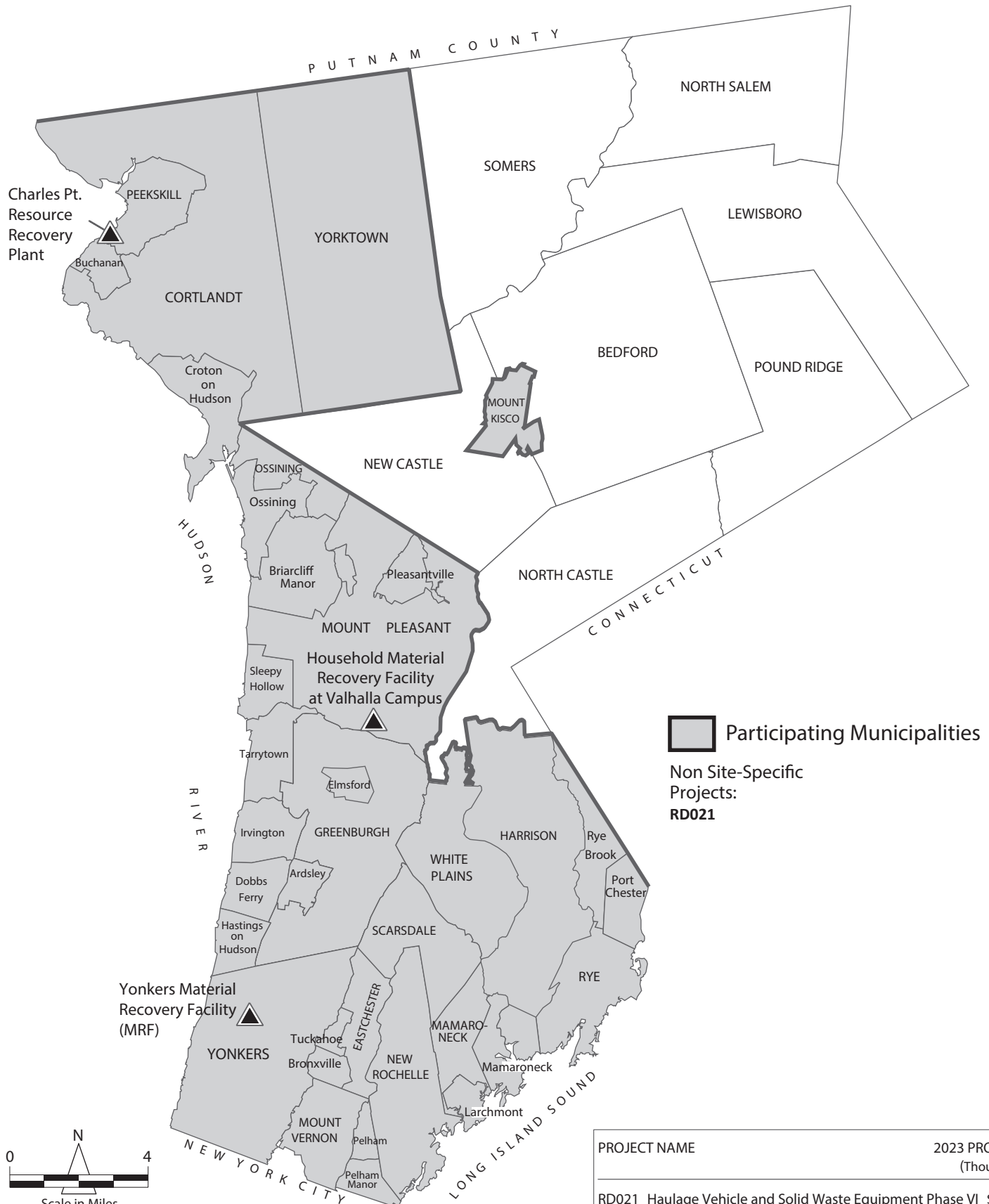
Consistency with Programs or Plans

This project is consistent with the County Board of Legislators' Airport Policy Statement which supports improving safety, increasing efficiency and up-grading facilities or providing better conditions for Airport users, tenants, and passengers.

Planning Board Analysis

PL2: The Planning Board is supportive of Airport projects that improve safety, increase efficiency and upgrade facilities for travelers and employees. While the Planning Board is supportive of the concept of this project, Planning Department staff will review plans for physical and environmental concerns.

WESTCHESTER COUNTY, NEW YORK



May 2022

2023 CAPITAL PROJECT REQUESTS CATEGORY: SOLID WASTE/REFUSE DISPOSAL

CATEGORY DESCRIPTION

Refuse District Number One is designated to act as the County solid waste agency and consists of 36 Westchester municipalities which have entered into Inter-Municipal Agreements (IMAs) with the County for the purpose of solid waste management. The agency is a division of the Department of Environmental Facilities but is a separate taxing entity for the purposes of planning, financing and managing the resource recovery/recycling/solid waste disposal activities of the District.

ANALYSIS OF OVERALL CAPITAL PROGRAM

The proposed 2023-2027 Capital Program continues a periodic request for haulage vehicles. One project is rated PL1, a \$1 million haulage vehicle purchase program.

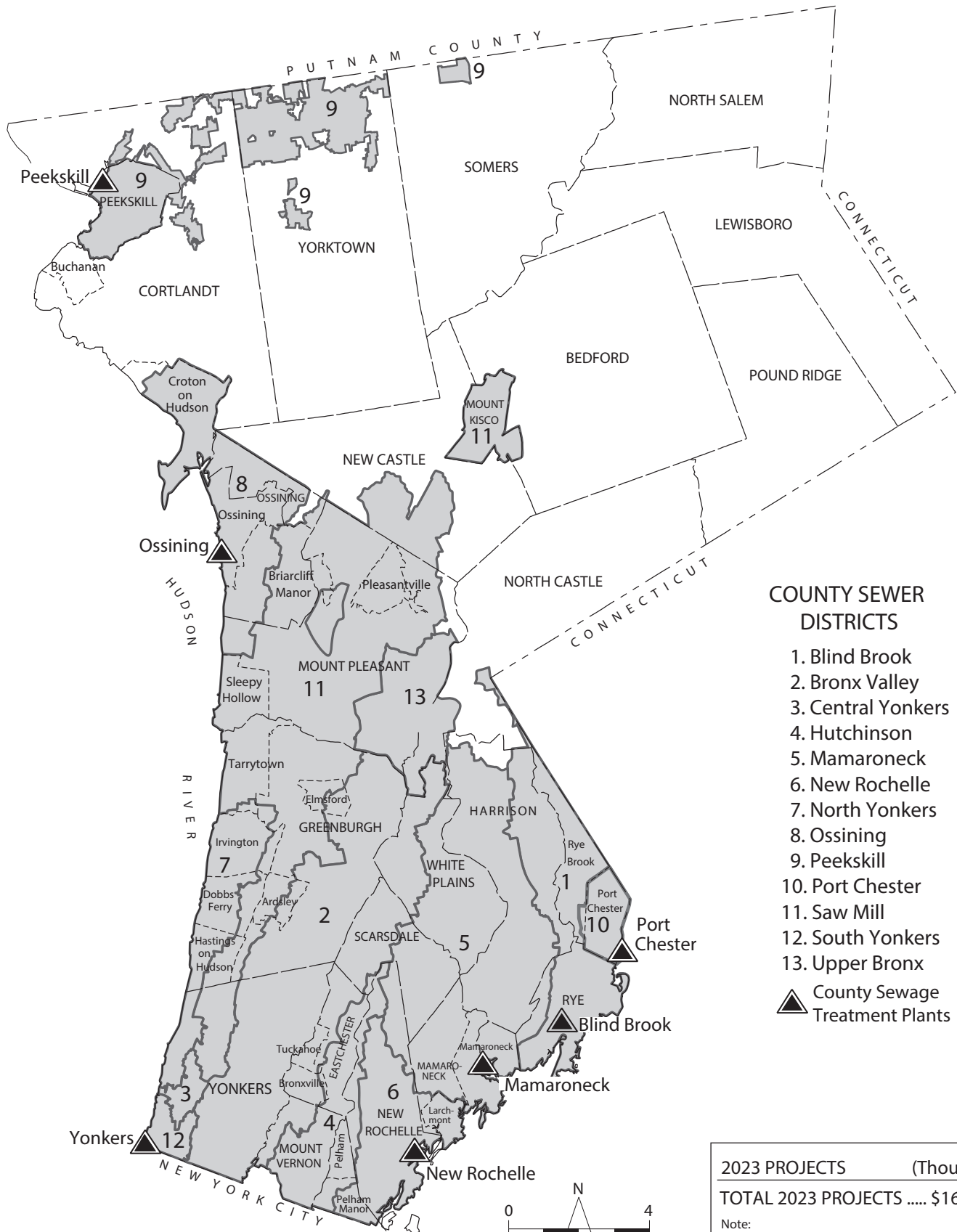
SOLID WASTE / REFUSE DISPOSAL

There is one project in this Department with a rating of PL1.

RD021 Haulage Vehicle and Solid Waste Equipment Phase VI
\$1,000,000

PL1 - This project will provide funding for the orderly and systematic purchase and replacement of Refuse Disposal District #1 haulage vehicles, bulldozers, various vehicles and containers, as well as miscellaneous equipment for use in all solid waste facilities and operations. [The Planning Board recommends that vehicle purchase recommendations, shown on page 9, be considered for vehicle purchases.](#)

WESTCHESTER COUNTY, NEW YORK



May 2022

2023 CAPITAL PROJECT REQUESTS CATEGORY: SEWER AND WATER

CATEGORY DESCRIPTION

The Department of Environmental Facilities (DEF) oversees the operation and maintenance of four County water districts and seven County wastewater treatment plants. The County is only responsible for the trunk sewer system and the treatment plants within its districts. The collection of sewage from its source to the point of connection with the County trunk is a local municipal function.

ANALYSIS OF OVERALL CAPITAL PROGRAM

The current five-year program includes five major classes of funding requests: studies/surveys, plant expansions, federal and state mandated programs, enhancement of existing facilities and maintenance and repair of existing facilities.

ANALYSIS OF 2023 CAPITAL PROGRAM

DEF has requested funding for 33 sewer and water projects in 2023, for a total amount of \$170,500,000. They are generally consistent with the policies of “*Westchester 2025*”, the County Planning Board’s long-range land use policies. Each will be reviewed to ensure that they are consistent with the County’s standards for security and safety. Three of the projects are rated PL1. The remaining 30 projects are rated PL2.

SEWER AND WATER

There are 3 projects in this Department with a rating of PL1

SM021 Mamaroneck WRRF Blower Replacement
\$2,000,000

This project will replace the 3 existing blowers that feed process air to the aeration tanks with more resilient and efficient blowers. The new blowers will be turbo blowers, which will provide an energy savings, and are critical to the aeration treatment process and the biological nitrogen removal (BNR) process.

SW010 Asset Management Program for DEF Facilities
\$1,440,000

This project will provide funding to develop an Asset Management Program for the Westchester County Department of Environmental Facilities in order to provide effective asset replacement planning and prioritization in order to sustain its assets and meet service expectations for its seven wastewater treatment plants, 42 pumping stations, 194 miles of interceptor sewers and two water districts.

SW022 Sewer District Heavy Equipment Replacement
\$600,000

This project provides funding for the replacement of heavy equipment such as dump trucks, flatbed trailers, tankers, garbage trucks, sewer jet trucks, portable pumps and generators, and other miscellaneous heavy equipment for use in all the sewer districts. Larger and more frequent storms, such as Hurricane Ida, have revealed the need for more portable pumps and generators to maintain operation during these emergencies. [The Planning Board recommends that vehicle purchase recommendations, shown on page 9, be considered for vehicle purchases.](#)

SBB07 Blind Brook Waste Water Treatment Plant - Process Equipment Improvements

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|--------|------|--------|------|-----------------|
| Gross Non-County Share | 68,500 | 25,500 | 5,000 | 26,000 | | 12,000 | | |
| County Share | 68,500 | 25,500 | 5,000 | 26,000 | | 12,000 | | |

Project Description

This is a multi-phased project that will provide for the repair, upgrading and replacement of various process mechanical, structural, architectural, HVAC, electrical, and control equipment of the Blind Brook Wastewater Treatment Plant. The areas where equipment or systems to be replaced or rehabilitated include, but are not limited to, include the secondary clarifier mechanisms and replacement of return activated sludge (RAS) discharge isolation valves.

Appropriation Requests

2009: Design.

2015: Design.

2019: Construction and Construction Management.

2020: Construction and Construction Management.

2021: Construction and Construction Management.

2023: Construction and Construction Management.

2024: Construction and Construction Management.

2026: Construction and Construction Management.

Justification

The Blind Brook Wastewater Treatment Plant was upgraded to secondary treatment in 1985. Equipment associated with secondary treatment has therefore reached the end of its useful life of 30 years. Primary system equipment is from the 1960s and has reached the end of its useful life. Performance maintenance and process equipment improvement projects are routinely undertaken at each treatment plant to replace and upgrade systems and equipment that are important to plant operations. The recommendations of Capital Project SW006 Vulnerability Assessment Studies, were provided in 2015 and, as a cost savings measure, it is prudent to include the necessary flood mitigation work into this project in order to mitigate possible future flood damage.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially Long Island Sound, are kept to a minimum during the proposed work.

SBB14 Blind Brook Bio-Solids Handling

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|------|-------|------|--------|-----------------|
| Gross Non-County Share | 20,600 | | 600 | | 5,000 | | 15,000 | |
| County Share | 20,600 | | 600 | | 5,000 | | 15,000 | |

Project Description

This project will evaluate and upgrade the bio-solids handling systems at the Blind Brook Water Resource Recovery Facility (WRRF).

The 2023 request will fund a study to evaluate and compare potential options for providing bio-solids handling and processing equipment at the Blind Brook WRRF versus relining and/or replacement of the existing sludge force main. The design and construction will be based on the results of the study. The study will include, but not be limited to:

- Evaluation of the condition and options for the rehabilitation or replacement of the existing force main between the Blind Brook and Port Chester WRRFs, including cleaning and inspection of the existing force main
- Evaluation of alternative processes equipment to thicken and dewater bio-solids at the Blind Brook WRRF
- Alternative disposal options, such as barging
- Conceptual cost estimates for the options evaluated, including additional required operational expenses and construction costs, including for design, permitting, and construction management

Appropriation Requests

2023: Study.

2025: Design.

2027: Construction and Construction Management

Justification

The Blind Brook WRRF is not equipped with biosolids processing facilities. The bio-solids removed by the plant processes are pumped through an 8-inch diameter force main to the Port Chester WRRF for processing. The Blind Brook/Port Chester Sludge Force Main has experienced a number of failures causing biosolids (waste activated sludge) to be released to the environment. The most recent event occurring in January 2018. To provide a long-term solution and prevent future discharges, the force main must be repaired/replaced, an alternative disposal method must be used, or the biosolids must be processed at Blind Brook to eliminate the need for pumping the biosolids to the Port Chester WRRF. The study will help the Department make a determination as to which option is in the best long-term interest of the County.

Consistency with Programs or Plans

The project is consistent with the policies of “*Westchester 2025*”, the County’s long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department’s efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially Long Island Sound, are kept to a minimum during the proposed work. The Planning Board recommends that the project design also include the option of rail transport for disposal options.

SBB87 Sewer System Rehabilitation - Blind Brook Sanitary Sewer System

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|-------|------|------|------|-----------------|
| Gross Non-County Share | 2,100 | | 600 | 1,500 | | | | |
| County Share | 2,100 | | 600 | 1,500 | | | | |

Project Description

This project will fund the rehabilitation of a 16-inch sewer line, located in Rye, including pipe rehabilitation or replacement and manhole additions or replacements due to the age and condition of the sewer line. The manhole additions or replacements will be done to bring the line up to County Standards and to allow better access for cleaning and maintenance.

Appropriation Requests⁵⁷.

2023: Design.

2024: Construction and Construction Management.

Justification

This sewer line was acquired by the County in 1927. Investigative work was performed as required under the State mandated Capacity, Management, Operation, and Maintenance (CMOM) Program. The requested funding will provide for TV monitoring, cleaning, lining or replacing as necessary those lines which having excessive inflow and infiltration. In addition, manholes will be rehabilitated, replaced or sealed as needed.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially Long Island Sound, are kept to a minimum during the proposed work.

SBV95 Pumping Station Rehabilitation Program - Bronx Valley SSD

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|-------|------|-------|------|-----------------|
| Gross Non-County Share | 15,500 | 1,500 | 5,500 | 1,500 | | 7,000 | | |
| County Share | 15,500 | 1,500 | 5,500 | 1,500 | | 7,000 | | |

Project Description

This project will fund the rehabilitation and/or upgrade of the following sewage pumping stations:

Jackson Avenue
2021 Design & Construction Management
2023 Construction

Grassy Sprain (Sprain Lift)
2024 Design & Construction Management
2026 Construction

Appropriation Requests

2021: Design and Construction Management.
2023: Construction and Construction Management.
2024: Design and Construction Management.
2026: Construction.

Justification

The Department implements a comprehensive Pump Station Rehabilitation Program. The goal is to examine, prioritize and rehabilitate or reconstruct all County owned sewage pumping stations. These stations suffer significant wear and tear due to constant use and require rehabilitation and replacement every 15 to 20 years. They are designed to not only cover normal necessary replacement and rehabilitation, but to improve efficiency of the pumping stations by reducing energy usage and manpower costs. The Department is required to keep its equipment in a state of good repair in order to continue to adequately protect the environment.

Consistency with Programs or Plans

The project is consistent with the policies of "**Westchester 2025**", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans will be reviewed by the Planning Department staff to ensure that impacts to the site and its vicinity are kept to a minimum during the proposed work.

SLI04 Mamaroneck WRRF BNR Media and Aeration Equipment Replacement

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|--------|------|------|------|------|-----------------|
| Gross Non-County Share | 41,500 | 20,500 | 21,000 | | | | | |
| County Share | 41,500 | 20,500 | 21,000 | | | | | |

Project Description

This project will fund the replacement of the biological nitrogen removal integrated fixed film activated sludge (BNR IFAS) media and the mixers in the aeration tanks at the Mamaroneck Water Resource Recovery Facility. Modifications to the aeration tank walls and sieves will also be conducted under this project. Work will include all mechanical, electrical, controls, structural, and other appurtenances as necessary.

Appropriation Requests

2021: Construction.

2022: Construction.

2023: Construction.

Justification

The BNR IFAS media has experienced irreparable damage and needs to be replaced. The damage is jeopardizing the Department's ability to meet the EPA mandated nitrogen removal requirements. The mixers have reached the end of their useful life and more efficient mixers are available. The Department is required to keep its water and wastewater treatment equipment in a state of good repair, in accordance with State and Federal regulations.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially Long Island Sound, are kept to a minimum during the proposed work.

SM033 Mamaroneck WRRF Primary Settling Tank Rehabilitation

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|--------|------|------|-----------------|
| Gross Non-County Share | 22,500 | | 2,500 | | 20,000 | | | |
| County Share | 22,500 | | 2,500 | | 20,000 | | | |

Project Description

This project will fund the structural and mechanical rehabilitation of the primary settling tanks at the Mamaroneck Water Resource Recovery Facility, including all electrical controls, structural as well as mechanical rehabilitation. The structural rehabilitation will include, but is not limited to, the replacement of damaged concrete, sealing or repairing of expansion joints, crack repair, and the installation of new railings, gratings, and covers. Mechanical rehabilitation will include, but is not limited to, the replacement of all sludge and scum/grease collection systems, scum pumps, piping and valves, gates, fine bar screens, air gap system, and the replacement the existing ferric chloride tank with a caustic tank and associated chemical piping and controls.

Appropriation Requests

2023: Design.

2025: Construction and Construction Management.

Justification

The equipment to be replaced under this project will be reaching the end of its useful life and will need to be replaced. The equipment was installed in 1993 and is now approximately 30 years old. The replaced equipment will improve the operational reliability, performance, and efficiency of the facility. The Department is required to keep its water and wastewater treatment facilities in a state of good repair, in accordance with State and Federal regulations.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially Long Island Sound, are kept to a minimum during the proposed work.

SM095 Pumping Station Rehabilitation Program - Mamaroneck SSD

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|-------|------|-------|------|-----------------|
| Gross | 26,200 | 12,200 | 6,000 | 2,000 | | 6,000 | | |
| Non-County Share | | | | | | | | |
| County Share | 26,200 | 12,200 | 6,000 | 2,000 | | 6,000 | | |

Project Description

This project will fund the rehabilitation and/or upgrade of the following sewage pumping station(s): Fenimore Road & Weaver Street, Saxon Woods, Beaver Brook (Glen Oak), East Basin, West Basin and Edgewater Point.

Appropriation Requests

2017: Design of the Weaver Street and Fenimore Road Pumping Stations.

2020: Design, Construction and Construction Management of the Weaver Street and Fenimore Road Pumping Stations.

2021: Design and Construction Management for Saxon Woods Pumping Station.

2022: Construction of the Weaver Street Pumping Station.

2023: Construction of the Fenimore Road and Saxon Woods Pumping Stations.

2024: Design and Construction Management of the Beaver Brook (Glen Oaks) Pumping Station.

2026: Construction and Construction Management of the Beaver Brook (Glen Oaks) Pumping Station.

Justification

In 1992, a comprehensive Pump Station Rehabilitation Program was initiated. The goal was to examine, prioritize and rehabilitate or reconstruct all County owned sewage pumping stations. These stations suffer significant wear and tear due to constant use and require rehabilitation and replacement every 15 to 20 years.

Consistency with Programs or Plans

The project is consistent with the policies of "**Westchester 2025**", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially Long Island Sound, are kept to a minimum during the proposed work.

SNR21 New Rochelle WRRF Boiler and Grit Systems Replacement

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|--------|------|------|------|------|-----------------|
| Gross Non-County Share | 10,000 | | 10,000 | | | | | |
| County Share | 10,000 | | 10,000 | | | | | |

Project Description

This project will fund the replacement of the grit collection system and the installation of additional boilers to handle the increased heat load demand created by the recently completed upgrade of the entire New Rochelle Water Resource Recovery Facility (WRRF). The work will include all necessary appurtenances such as plumbing, mechanical, electrical, structural, architectural, controls, and HVAC. Design was funded by SLI01 Long Island Sound Biological Nutrient Removal Remediation.

Appropriation Requests

2023: Construction and Construction Management.

Justification

This project is the second phase to the upgrade to the New Rochelle facility's secondary and solids handling systems under Project SNR06 Composite Performance Implementation/Plant Expansion. The boilers and grit collection systems were included in that work. The boiler system needs to be expanded to improve operation and maintenance of the system. The de-gritting system is nearing the end of its useful life and needs to be replaced.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially Long Island Sound, are kept to a minimum during the proposed work.

SNR23 New Rochelle WRRF Sludge Thickener Rehabilitation

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|-------|------|------|-----------------|
| Gross Non-County Share | 6,000 | | 1,000 | | 5,000 | | | |
| County Share | 6,000 | | 1,000 | | 5,000 | | | |

Project Description

This project will fund the rehabilitation of the sludge thickening tank at the New Rochelle WRRF. The project includes the replacement of mechanical collection equipment, sludge handling, dewatering, and processing systems, cake pumps, and roof repair. The work will also include the repair or replacement of all mechanical, plumbing, HVAC, odor control, instrumentation, electrical, structural, and architectural systems.

Appropriation Requests

2023: Design.

2025: Construction and Construction Management.

Justification

The sludge thickener tank equipment and roofing are reaching the end of their useful life and need to be replaced. The new equipment will improve the operational performance, reliability, and efficiency of the facility. The Department is required to keep its water and wastewater treatment facilities in a state of good repair, in accordance with State and Federal regulations. This work was not included in the previous plant upgrade.

Consistency with Programs or Plans

The project is consistent with the policies of "**Westchester 2025**", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially Long Island Sound, are kept to a minimum during the proposed work.

SNR25 New Rochelle WRRF Ultraviolet Disinfection Optimization

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 3,000 | | 3,000 | | | | | |
| County Share | 3,000 | | 3,000 | | | | | |

Project Description

This project will fund the improvements to the ultraviolet light disinfection system that is currently being designed under a separate project. The work will include repair or replacement of all mechanical, plumbing, HVAC, odor control, instrumentation, electrical, structural, and architectural systems, including all necessary appurtenances.

Appropriation Requests

2023: Design, Construction, Construction Management.

Justification

The existing equipment has a high operation and maintenance cost that could potentially be lowered by making these improvements to the equipment.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially Long Island Sound, are kept to a minimum during the proposed work.

SNR95 Pumping Station Rehabilitation Program - New Rochelle SSD

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|-------|------|--------|------|-----------------|
| Gross Non-County Share | 34,620 | 1,150 | 2,500 | 6,200 | | 12,770 | | 12,000 |
| County Share | 34,620 | 1,150 | 2,500 | 6,200 | | 12,770 | | 12,000 |

Project Description

This project will fund a multi-year program of rehabilitation and/or upgrade of the sewage pumping stations in the New Rochelle Sanitary Sewer District. The projects will be reviewed each year with a view toward re-ordering priorities as necessary. Also, as each project is designed, revisions to the requests may be needed and further refinement to the construction costs may be necessary.

The work required in the pumping stations typically includes, but is not limited to, the installation of new bar screens, pumps and pump control panel replacements, piping and valves, gas and fire detection systems and ancillary mechanical, instrumentation, electrical and odor control systems. Also as part of the rehabilitation, relocation and/or replacement of the station's emergency generator (if present) will be addressed. Flood Hazard Mitigation will also be addressed, if required, at each pumping station as recommended in a prior Vulnerability Assessment Study.

Appropriation Requests

2020: Design, construction and construction management for the repair of feeders at Glen Island Pumping Stations

2021: Design and Construction management of Fifth Avenue Pump Station.

2022: Construction of Fifth Avenue Pump Station.

2023: Design and construction management of Sutton Manor Pump Station.

2024: Construction of Sutton Manor Pump Station.

2025: Construction and construction management of Beach Avenue Pump Station.

2026 Design & Construction Management.

Justification

In 1992, a comprehensive Pump Station Rehabilitation Program was initiated. The goal was to examine, prioritize and rehabilitate or reconstruct all County owned sewage pumping stations. These stations suffer significant wear and tear due to constant use and require rehabilitation and replacement every 15 to 20 years. They are designed to not only cover normal necessary replacement and rehabilitation, but to improve efficiency of the pumping stations by reducing energy usage and manpower costs.

Consistency with Programs or Plans

The project is consistent with the policies of "**Westchester 2025**", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially Long Island Sound, are kept to a minimum during the proposed work.

SNY95 Pumping Station Rehabilitation Program - North Yonkers SSD

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|--------|-------|------|------|------|-----------------|
| Gross | 28,800 | 5,800 | 15,000 | 8,000 | | | | |
| Non-County Share | | | | | | | | |
| County Share | 28,800 | 5,800 | 15,000 | 8,000 | | | | |

Project Description

This project will fund the rehabilitation and/or upgrade of the following sewage pumping station(s): Hastings Influent Sewer; Dobbs Ferry; Alexander Street; and Irvington. The work required in the pumping stations typically includes, but is not limited to, the installation of new bar screens, pumps and pump control panel replacements, piping and valves, gas and fire detection systems, all mechanical, instrumentation and electrical systems, and structural and architectural repairs and replacement such as walls, windows, and roofs. Also as part of the rehabilitation, relocation and/or replacement of the station's emergency generator (if present) will be addressed. Flood Hazard Mitigation will also be addressed at each pumping station as recommended in a prior Vulnerability Assessment Study.

Appropriation Requests

2017: Design of the Hastings Pumping Station.

2018: Design of the Dobbs Ferry Pumping Station.

2019: Construction and Construction Management of the Hastings Pumping Station.

2020: Construction and Construction Management of the Hastings Pumping Station.

2021: Design and Construction Management of the Irvington Pumping Station.

2022: Construction and Construction Management of the Hastings Influent Sewer.

2023: Construction, Construction Management and Flood Mitigation of the Hastings and Dobbs Ferry Pumping Stations as well as the Hastings Influent Sewer.

2024: Construction of the Alexander Street and Irvington Pumping Stations.

Justification

In 1992 a comprehensive Pump Station Rehabilitation Program was initiated. The goal was to examine, prioritize, and rehabilitate or reconstruct all County-owned sewage pumping stations. These stations suffer significant wear and tear due to constant use and require rehabilitation and replacement every 15 to 20 years. They are designed to not only cover normal necessary replacement and rehabilitation, but to improve efficiency of the pumping stations by reducing energy usage and manpower costs.

Consistency with Programs or Plans

The project is consistent with the policies of "**Westchester 2025**", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SOS08 Ossining WRRF Structural Rehabilitation

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 2,510 | | 2,510 | | | | | |
| County Share | 2,510 | | 2,510 | | | | | |

Project Description

This project will provide funding for the repair of the primary and secondary clarifier catwalks and the repair of erosion damage observed at the base of the secondary clarifiers and chlorine contact tanks near the Hudson River.

Appropriation Requests

2023: Design, Construction, and Construction Management.

Justification

The clarifier catwalks are experiencing bowing from the weight of the collection equipment attached to them. Erosion of the ground between the tanks mentioned above and the Hudson River has been observed. Repairs need to be made to protect the tanks from being undermined and collapsing and to avoid catastrophic damage to the tanks.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SPK20 Forcemain Rehabilitation - Peekskill Sewer District

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|--------|------|------|------|------|-----------------|
| Gross Non-County Share | 19,700 | 5,700 | 14,000 | | | | | |
| County Share | 19,700 | 5,700 | 14,000 | | | | | |

Project Description

This project will fund the replacement of the Water Street force main. The 2023 request will include the installation of approximately 5,100 feet of 24" ductile iron force main to replace the existing 16" and 12" force main. This project was delayed due to property easement issues and coordination with the City of Peekskill. The length of the force main included in this project was expanded.

Appropriation Requests

2005: Design, Construction, and Construction Management.

2006: Construction and Construction Management.

2023: Construction and Construction Management.

Justification

The force main project will insure a safe and environmentally sound transmission of wastewater to the Peekskill Wastewater Treatment Plant. The force main has reached the end of its useful life and is subject to deterioration from stray currents from the adjacent railroad tracks, as well as from the corrosive nature of the surrounding soils.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SPK24 Peekskill WRRF Plant Wide Systems Upgrades

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|------|------|-------|------|-----------------|
| Gross Non-County Share | 31,300 | | 300 | | | 3,000 | | 28,000 |
| County Share | 31,300 | | 300 | | | 3,000 | | 28,000 |

Project Description

This project will fund the consolidation of several existing projects and provide for updating various areas of the Peekskill Water Resource Recovery Facility. Work will include, but not be limited to, the plant headworks and the primary clarifiers.

Appropriation Requests

2023: Study.

2026: Design.

Under Review: Construction and Construction Management.

Justification

The equipment to be replaced under this project will be reaching the end of its useful life and needs to be replaced. The new equipment will improve the operational performance, reliability, and efficiency of the facility. The Department is required to keep its water and wastewater treatment facilities in a state of good repair, in accordance with State and Federal regulations.

The upgrades to the headworks will eliminate potential sources of odor and protect the equipment from weathering, which will increase its useful life and provide safer working conditions for County staff. The secondary containment in the Hypochlorite Pump Room is not in compliance with New York State Chemical Bulk Storage regulations. This system needs to be upgraded to bring it into compliance.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SPK25 Peekskill WRRF Electrical Upgrade

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|------|------|-------|------|-----------------|
| Gross Non-County Share | 10,200 | | 200 | | | 2,500 | | 7,500 |
| County Share | 10,200 | | 200 | | | 2,500 | | 7,500 |

Project Description

This project will fund an electrical system evaluation study and the replacement of major electrical distribution equipment in the plant. The study will focus on, but not be limited to, switchgears, motor control centers, power panels, and main feed distribution systems plant wide that are original. Study appropriations are shown in 2023, design appropriations are shown in 2026, and construction in Under Review (anticipated for 2028).

Appropriation Requests

2023: Study.

2026: Design.

Under Review: Construction and Construction Management.

Justification

The majority of the electrical distribution equipment will be reaching the end of its useful life and needs to be replaced. Replacing these systems will provide a more efficient, reliable, and safe operation of the plant power distribution system. The project will also address the possible flood vulnerabilities and increase energy efficiency. The Department is required to keep its water and wastewater treatment equipment in a state of good repair, in accordance with State and Federal regulations.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SPK95 Pumping Station Rehabilitation Program - Peekskill SSD

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 6,000 | 1,750 | 4,250 | | | | | |
| County Share | 6,000 | 1,750 | 4,250 | | | | | |

Project Description

This project will fund the rehabilitation and/or upgrading of the sewage pumping stations at Water Street and Mill Street. Work will include repair of the catwalk foundation at Water Street. The work required in the pumping stations typically includes, but is not limited to, the installation of new bar screens, pumps and pump control panel replacements, piping and valves, gas and fire detection systems, all mechanical, instrumentation and electrical systems, and structural and architectural repairs and replacement such as walls, windows, and roofs. Also as part of the rehabilitation, relocation and/or replacement of the station's emergency generator (if present) will be addressed. Flood Hazard Mitigation will also be addressed at each pumping station as recommended in a prior Vulnerability Assessment Study.

Appropriation Requests

2021: Design, Construction, and Construction Management of the Water Street Pumping Station.

2022: Construction of the Catwalk Foundation at the Water Street Pumping Station.

2023: Construction and Construction Management at the Water Street Pumping Station

Justification

The Department implements a comprehensive Pump Station Rehabilitation Program. The goal is to examine, prioritize and rehabilitate or reconstruct all County owned sewage pumping stations. These stations suffer significant wear and tear due to constant use and require rehabilitation and replacement every 15 to 20 years. They are designed to not only cover normal necessary replacement and rehabilitation, but to improve efficiency of the pumping stations by reducing energy usage and manpower costs. The Department is required to keep its equipment in a state of good repair in order to continue to adequately protect the environment.

Consistency with Programs or Plans

The project is consistent with the policies of "**Westchester 2025**", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SPC38 Port Chester Water Resource Recovery Facility – Primary Settling Tank Rehab and Misc. Improvement

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 10,400 | 7,400 | 3,000 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 18,500 | 7,400 | 3,000 | | | | | |

Project Description

This project will provide funding for the structural rehabilitation of the primary settling tank and the replacement of the settling tank influent channel concrete roof slabs, influent channel span beams, and the primary sludge piping system. In addition, the masonry wall behind the rotating biological contractors (RBC) tanks require coping stone repair. The 2023 request will address damage caused by the failure in 2022 of the primary effluent pipe.

Appropriation Requests

2017: Design, Construction, and Construction Management.

2019: Construction and Construction Management.

2020: Construction and Construction Management.

2021: Construction and Construction management.

2023: Construction and Construction Management.

Justification

The primary settling tank roof slabs and span beams, effluent pumps and piping, as well as the fire protection piping, are all past their useful lives and require replacement. They are part of the original treatment plant built by the Village of Port Chester in approximately 1962 and acquired by the County in 1975.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Long Island Sound, are kept to a minimum during the proposed work.

SSM02 Saw Mill SSD - Saw Mill B-2 Trunk Sewer Spur Extension

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 18,500 | 16,000 | 2,500 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 18,500 | 16,000 | 2,500 | | | | | |

Project Description

This project will fund the construction of a new trunk sewer extension known as the Saw Mill B-2 Trunk Sewer Spur Extension, located in the Town of New Castle. The project will begin at the existing end of the Saw Mill B-2 Trunk Spur, located in Hunt's Lane near the Saw Mill River Parkway, and will be constructed North within Quaker Street for an approximate length of 5,500 LF. The design for this project is complete; the 2023 request will fund project cost increases for construction.

Appropriation Requests

2018: Design, Construction, and Construction Management.

2021: Construction and Construction Management.

2022: Construction and Construction Management.

2023: Construction and Construction Management.

Justification

It is estimated that there are approximately 800 parcels of property in the Town of New Castle, west of the Saw Mill River Parkway, located in the Saw Mill Sanitary Sewer District that are paying sewer taxes, but are not receiving sanitary sewer service. There is a potential opportunity for Shared Service with the Town of New Castle if they have underground utility work in the roadway that they need to conduct while the County is already excavating the roadway.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity are kept to a minimum during the proposed work.

SSM21 Saw Mill Section B Relief Sewer

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 15,000 | 11,500 | 3,500 | | | | | |
| County Share | 15,000 | 11,500 | 3,500 | | | | | |

Project Description

This project will fund the construction of a new relief sewer for a section of the County's Saw Mill Section B sanitary trunk sewer along Hunt's Lane in the Town of New Castle in order to handle all existing and future sewer flow in this area of the District. Design for this project is underway. The 2023 request will fund project cost increases.

Appropriation Requests

2021: Design, Construction and Construction Management.

2023: Construction and Construction Management.

Justification

WCDEF has seven consecutive sewer segments of the Saw Mill Trunk Sewer that are 24" in diameter at Hunts Lane. The sewer crosses the Metro-North Railroad and follows along King Street and North Greely Avenue through the downtown Chappaqua business district. It then crosses the Metro North Railroad again back to Hunts Lane. The upstream sections of the Saw Mill Trunk Sewer are 30" in diameter before they discharge and terminate into the 24" diameter segments of the B trunk sewer. The total length of the seven existing segments is approximately 2,050 feet. Although the pipe is currently handling the existing flow, these seven segments of sewer are undersized to handle all future flows that are held in reserve for parcels in the Town of New Castle that are in the district but not currently connected to sewer, as well as flow held in reserve for the Village of Mount Kisco.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SW030 Repair & Maintenance of Fiberglass Reinforced Plastic (FRP) Equipment

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|------|------|------|------|------|-----------------|
| Gross Non-County Share | 1,800 | | 900 | | | 900 | | |
| County Share | 1,800 | | 900 | | | 900 | | |

Project Description

This project will fund the repair, replacement, and maintenance of various fiberglass reinforced plastic (FRP) bulk storage tanks, scrubbers, and piping. Work will include, but not be limited to, relining, patching, re-coating, and the replacement of piping, tubing, and gauges.

Appropriation Requests

2023: Construction and Construction Management.

2026: Construction and Construction Management.

Justification

The DEF uses various fiberglass reinforced plastic bulk storage tanks throughout its facilities to store chemicals used in the treatment of water and wastewater, heating oil, used oil, and diesel fuel. The DEF also uses piping and odor control scrubbers that are made out of FRP. This FRP equipment is aging and in need of repair or replacement to maintain its chemical resistance, structural integrity, and tightness. The Department is required to keep its water and wastewater treatment equipment in a state of good repair, in accordance with State and Federal regulations. Performing this work will allow the Department to maintain its critical infrastructure and provide for the health and welfare of its employees and the residents of the County.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, are kept to a minimum during the proposed work.

SY024 Yonkers Joint Treatment Plant Secondary System Rehabilitation

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 15,172 | 9,172 | 6,000 | | | | | |
| County Share | 15,172 | 9,172 | 6,000 | | | | | |

Project Description

This project will fund the replacement, rehabilitation, and upgrading of the secondary system equipment and related controls at the Yonkers Joint Wastewater Treatment Plant. The work will be performed on various Plant systems including, but not limited to: secondary plant water; plant effluent water; high-pressure wash down; secondary compressed air; process air header; tank canopy; and fire suppression systems. Work will also include all mechanical, electrical, controls, plumbing, and any other ancillary equipment or work necessary.

Appropriation Requests

2010: Design, Construction, and Construction Management.

2014: Construction and Construction Management.

2015: Construction and Construction Management.

2018: Cost escalation.

2023: Cost escalation.

Justification

This project is being undertaken to repair or replace equipment and systems involved in secondary plant operations that have reached the end of their useful life.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SY026 Yonkers Joint WRRF Structural Rehabilitation

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|--------|------|-------|------|--------|-----------------|
| Gross Non-County Share | 39,600 | | 17,100 | | 2,500 | | 20,000 | |
| County Share | 39,600 | | 17,100 | | 2,500 | | 20,000 | |

Project Description

This project will fund the repair of the concrete aeration tanks and for the replacement of all gratings and covers at the Yonkers Jointer Water Resource Recovery Faculty. Phase I will include the replacement of all gratings and covers over all openings at the facility as a life safety measure. Phase II will include, but not be limited to, shotcrete application of concrete to repair the wall of the tank, crack repair, and asbestos removal as required, which was found in the concrete expansion joints.

Appropriation Requests

2023: Construction and Construction Management.

2025: Construction and Construction Management.

2027: Construction and Construction Management.

Justification

The concrete tanks are showing signs of substantial wear and damage and must be repaired. The replacement of the gratings and covers must be expedited for life safety concerns. The Department is required to keep its water and wastewater treatment equipment in a state of good repair, in accordance with State and Federal regulations.

Consistency with Programs or Plans

The project is consistent with the policies of "**Westchester 2025**", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SY028 Yonkers Joint Treatment Plant-Evaluation of Plant Electric and Lighting Systems

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|--------|------|--------|------|------|-----------------|
| Gross Non-County Share | 45,200 | 2,200 | 23,000 | | 15,000 | | | 5,000 |
| County Share | 45,200 | 2,200 | 23,000 | | 15,000 | | | 5,000 |

Project Description

This project will fund the multiple phased replacement of all of the major components of the plant electrical distribution system as well as evaluate the condition and remaining useful life of the exterior and interior plant lighting, which may also be replaced depending on the results of the evaluation.

Appropriation Requests

2009: Study.

2020: Design and Construction Management.

2023: Design, Construction, and Construction Management.

2025: Construction and Construction Management.

Under Review: Construction and Construction Management.

Justification

The electrical distribution systems at the Yonkers Joint Treatment Plant were installed in 1972 and have reached the end of their useful life. Replacing these systems will contribute to a more efficient operation of the plant because new technologies, such as energy efficient and energy star equipment, will be employed for this upgrade.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SY030 Yonkers Joint Treatment Plant- Roof Replacement

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|-------|------|------|-----------------|
| Gross Non-County Share | 16,705 | 9,705 | 2,000 | | 5,000 | | | |
| County Share | 16,705 | 9,705 | 2,000 | | 5,000 | | | |

Project Description

This project will fund the replacement of various building roofs at the Yonkers Joint Treatment Plant. Work includes resetting/replacement of coping stones, caulking of vertical joints, installation of safety railings, walking pads and repairs/replacements of expansion joints, and other related work as needed.

Appropriation Requests

2010: Design, Construction, and Construction Management.

2011: Design, Construction, and Construction Management.

2015: Design, Construction, and Construction Management.

2017: Design and Construction Management.

2019: Construction.

2020: Construction.

2023: Design and Construction Management.

2025: Construction.

Justification

The majority of the roofs at the Yonkers Joint Treatment Plant were installed in 1978 and are, or will be, reaching the end of their useful life and in need of replacement. It is intended that replacement of each roof will be done in a phased manner, or as it may become necessary.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work. [The Planning Board recommends that community rooftop solar arrays be considered as part of the design of this project.](#)

SY046 Yonkers Joint Sewer Districts Repair & Rehabilitation

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|-------|------|------|-----------------|
| Gross Non-County Share | 4,350 | | 1,500 | | 2,850 | | | |
| County Share | 4,350 | | 1,500 | | 2,850 | | | |

Project Description

The project will fund the rehabilitation of the County Trunk Sewers identified as deficient during the County's internal inspections of sanitary trunk sewers that are performed to assess pipes and manholes for potential structural and/ or operational defects. The work is performed as part of the continuous self-assessment provision of the Federal Capacity, Management, Operations, and Maintenance (CMOM) program.

Appropriation Requests

2023: Design.

2025: Construction and Construction Management.

Justification

The Federal Environmental Protection Agency (EPA) requires sanitary collection system owners or operators to implement a Capacity, Management, Operation, and Maintenance (CMOM) program to ensure the collection system is in good working order to help prevent potential sewage overflows. The program requires that the collection system be routinely inspected, evaluated, and repaired.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SY048 Yonkers Joint Treatment Plant Bulkhead Rehabilitation

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross | 10,000 | 5,000 | 5,000 | | | | | |
| Non-County Share | | | | | | | | |
| County Share | 10,000 | 5,000 | 5,000 | | | | | |

Project Description

This project will fund the rehabilitation and repair of the Yonkers Joint WRRF cellular bulkhead, which is the steel sheeting wall that separates the plant from the Hudson River. The project will address the settlement and failure of emergency corrective work performed in 2000 when a barge collision severely damaged 3 of the bulkhead cells: 44, 45, and 46. The accident occurred in the southwestern corner of the steel sheet pile bulkhead structure and damaged approximately 100 LF of outboard steel sheets and 135 LF of concrete closure cap.

Appropriation Requests

Existing: Design and Construction.

2022: Design and Construction.

2023: Construction and Construction Management.

Justification

The Secondary Treatment Facilities at the Yonkers Joint Wastewater Treatment Plant were built on a site reclaimed from the Hudson River. A cellular steel bulkhead was installed along the perimeter and the enclosure was filled with sand. This construction was completed in 1972. Because of ice flows and the salinity of the Hudson River a study was undertaken to investigate the structural integrity of the bulkhead. The study recommended required repairs.

Consistency with Programs or Plans

The project is consistent with the policies of *“Westchester 2025”*, the County’s long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department’s efforts. The rehabilitation of the bulkhead offers an opportunity to incorporate a multi-use path as part of the bulkhead structure, to fulfill the Westchester RiverWalk trail plan, as depicted in the 2004 River Walk Trail Route Map. Such a path could become a park destination for the nearby Ludlow neighborhood. The vicinity of the Yonkers Joint Treatment Plant has been a desired path of the Hudson River Greenway path in a number of iterations, including the NYMTC plans. Such a path could be included in future development of the Greenway. A recent example of RiverWalk along a County facility is a section of RiverWalk running along the edge of the Charles Point Resource Recovery Plant in Peekskill near the Hudson River. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

SY095 Pumping Station Rehabilitation Program - South Yonkers SSD

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|-------|------|-------|------|-----------------|
| Gross Non-County Share | 23,500 | 11,000 | 5,000 | 1,500 | | 6,000 | | |
| County Share | 23,500 | 11,000 | 5,000 | 1,500 | | 6,000 | | |

Project Description

This project will fund the rehabilitation and/or upgrade of the following pumping stations (PS): Main Street, Ludlow Street and Briarcliff. The work required in the PS typically includes but is not limited to: installation of new bar screens, pumps and pump control panel replacements, piping and valves, gas and fire detection systems and ancillary mechanical, instrumentation and electrical systems. Relocation and/or replacement of the station's emergency generator (if one exists) will be addressed. Flood hazard mitigation will also be addressed, if recommended in the previously commissioned

Appropriation Requests

2020: Design, Construction, and Construction Management for Main Street and Ludlow Street pumping stations.

2021: Design, Construction, and Construction Management of Main Street and Ludlow Street pumping stations.

2022: Construction for Main Street and Ludlow Street pumping stations.

2023: Construction for Main Street and Ludlow Street pumping stations.

2024: Design for the Briarcliff Pumping Station.

2026: Construction for the Briarcliff pumping stations.

Justification

In 1992 a comprehensive Pump Station Rehabilitation Program was first presented. The goal was to examine, prioritize and rehabilitate or reconstruct all County owned sewage pumping stations. These stations suffer significant wear and tear due to constant use and require rehabilitation and replacement every 15 to 20 years. They are designed to not only cover normal necessary replacement and rehabilitation, but to improve efficiency of the pumping stations by reducing energy usage and manpower costs.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for waste removal, collection, and treatment.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of maintaining DEF facilities in good condition and supports the Department's efforts. Plans should be coordinated with Planning Department staff to ensure that impacts to the site and its vicinity, especially the Hudson River, are kept to a minimum during the proposed work.

WD104 County Water District No. 1 - Shaft 22 & Kensico Dam Performance Maintenance

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|---------------------------|-------------------------------------|-------------------|-------|------|------|------|------|-----------------|
| Gross Non-County Share | 9,500 | 8,500 | 1,000 | | | | | |
| County Share | 9,500 | 8,500 | 1,000 | | | | | |

Project Description

For County Water District No. 1 (CWD#1), this project funds the rehabilitation and/or replacement of drinking water disinfection equipment and systems, which have reached the end of their useful lives. Water disinfection equipment and systems installed at the Crisfield Street Pump Station at the Shaft 22 connection to the 48-inch Kensico-Bronx Pipeline (KBP) connection are in need of upgrades, rehabilitation and/or replacement. This project will provide rehabilitation/replacement for the chemical bulk storage (CBS) equipment and systems used at the Shaft 22 and the Kensico Dam. These upgrades will include rehabilitation/replacement of the chemical, mechanical, HVAC, sampling and electrical systems at the facilities as well as required structural rehabilitation and civil site improvements to the chemical delivery containment systems at both facilities.

Appropriation Requests

2015: Design.

2016: Construction.

2018: Construction and cost escalation.

2021: Construction and cost escalation.

2022: Construction and cost escalation.

2023: Construction and cost escalation.

Justification

The chemical storage facilities and all ancillary systems are now 20 years old and have reached the end of their useful life and require rehabilitation and/or replacement.

At the Chrisfield Street Pump Station at Shaft 22 in Yonkers, the existing orthophosphate fiberglass storage tank has reached the end of its useful life and needs to be replaced. The concrete floor of the orthophosphate containment area is failing and needs to be demolished and reconstructed. The chemical storage area currently does not have ventilation, which needs to be installed by code. The chemical transfer pumps are in the storage area and will need to be removed. The lighting will be upgraded to provide adequate illumination. All chemical piping within the storage area will be replaced.

At the Kensico Dam in the Town of Mount Pleasant, a previous tank inspection resulted in the recommendation to repair or replace the sodium hypochlorite fiberglass tanks. As access to the existing tank is limited, it will be repaired in place. This repair will require all piping, instrumentation and electrical conduit connections to be removed and reconnected after the repairs are made. In addition, the facility has two sample lines of which one is leaking. To provide redundancy the project will involve installing two new buried sample lines from the sample collection point back to the facility.

Consistency with Programs or Plans

The project is consistent with the policies of "***Westchester 2025***", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for water distribution and resource management.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of protecting drinking water supplies and maintaining those DEF facilities that provide and distribute drinking water. Plans should be coordinated with Planning Department staff to ensure that impacts to the sites and vicinities are kept to a minimum during the proposed work. Plans for the Kensico Dam site will be coordinated with any park improvements planned by the Parks Department.

WD105 CWD #1 - Rehabilitation of the 48 inch Kensico-Bronx Pipeline

FIVE YEAR CAPITAL PROGRAM (in thousands)

| | Estimated Ultimate Total Cost | Approp- riated | 2023 | 2024 | 2025 | 2026 | 2027 | Under Review |
|------------------|-------------------------------------|-------------------|-------|------|--------|------|------|-----------------|
| Gross | 22,750 | 750 | 2,000 | | 20,000 | | | |
| Non-County Share | | | | | | | | |
| County Share | 22,750 | 750 | 2,000 | | 20,000 | | | |

Project Description

This project will fund the repair, rehabilitation and/or replacement of various aspects of the 48" Kensico-Bronx Pipeline (KBP) in County Water District No. 1. Over the years, various issues have occurred with the 48" KBP, which is approximately 71,000 LF in length, such as breaks, joint leaks and drainage deficiencies. The drainage deficiencies have resulted in erosion of the soil under and over the pipeline. To ensure reliability and continued operation of the 48" KBP, this project will be broken down into study, design and construction phases. A Study will first evaluate its overall condition and identify any needed rehabilitation and drainage improvements as well as study replacement and routing alternatives. Approximate cost estimates for each type of deficiency will be provided and possible construction phasing will be determined once the Study has progressed.

The Study funds have already been appropriated and the study is scheduled to be conducted in 2022. Design and construction appropriations are shown to 2023 and 2025, respectively.

Appropriation Requests

2018: Study.

2023: Design.

2025: Construction and Construction Management.

Justification

County Water District No. 1 (CWD #1) comprises the cities of White Plains, Mount Vernon and Yonkers and the Village of Scarsdale. The Kensico-Bronx Pipeline (KBP) 48" connection to the Kensico Reservoir is at the base of the Kensico Dam. Since the 48" KBP has not been rehabilitated since acquisition from the City of New York in 1964, it is necessary to inspect the condition of the pipeline and perform any necessary repairs to ensure the reliability and continued operation.

Consistency with Programs or Plans

The project is consistent with the policies of "*Westchester 2025*", the County's long-range land use policies, in that it will maintain safe and environmentally sound systems and policies for water distribution and resource management.

Planning Board Analysis

PL2: The Planning Board acknowledges the importance of protecting drinking water supplies and maintaining those DEF facilities that provide and distribute drinking water. Plans should be coordinated with Planning Department staff to ensure that impacts to the sites and vicinities are kept to a minimum during the proposed work. Plans for the Kensico Dam site will be coordinated with any park improvements planned by the Parks Department.

