

## 2022-2026 Capital Plan Summary

New Projects:	12							
Existing Projects:	42							
Amended Projects:	24							
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	156.073	24.637	47.42	50.656	40.165	9.930	3.255	332.136
Appropriations	0.200	1.550	1.600	0.050	-	-	-	3.400
State Reimbursement	(1.003)	(1.310)	(0.310)	(0.310)	(0.310)	-	-	(3.243)
Federal Reimbursement	(1.872)	(0.368)	-	(4.049)	-	-	-	(6.289)
Saratoga County, NY	(0.200)	(0.400)	(1.500)	(18.500)	(12.900)	-	-	(33.500)
Other	0.200	0.400	1.500	18.500	12.900	-	-	33.500
Total County Cost	153.398	24.509	48.71	46.347	39.855	9.930	3.255	326.004

# AFUND - Civic Center

## Upper Level Seating Replacement

The chairs in the upper level are 25 years old. The lower level seating was replaced in 2010. This plan was originally spread over two years utilizing Facility Fees. Combining the projects into the same year we would realize an approximate savings of \$100,000. Given lead time of the chairs, installation of chairs will begin spring of 2019, purchase of chairs will be in 2018.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	3.375							3.375		
Total County Cost	3.375	-	-	-	-	-	-	3.375		
Management & Budget Recommendation:										

## LED Expansion

Install New LED Fascia to run all the way around the bowl. Move the back lit signs up. The fascia lights will increase the effects of the arena in the bowl and increased square footage could help increase revenues from these signs. Existing LED lights would relocate to the concourse for increased revenue. Back lit signs have been proven and long standing source of revenue and should be relocated and not replaced. Scoreboard modification would be replacing power supplies that are failing and cleaning.

New Project:		Existing Projects:			Amended Projects:			1
Amended for 2022-2026 due to increased cost of project.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.375		2.403					3.778
Total County Cost	1.375	-	2.403	-	-	-	-	3.778
Management & Budget Recommendation:								

## Main Arena Sound System

The intent is to design and install a new sound system. The existing system has been maintained for over 20 years. It has been maintained and still operates, but the sound quality is failing. The components are outdated and difficult to replace. There are few assisted listening devices active. The purchase of over 200 units will be needed to keep up with ADA code.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	0.100	0.850						0.950		
Total County Cost	0.100	0.850	-	-	-	-	-	0.950		
Management & Budget Recommendation:										

## WiFi Network

The wireless network system in the building has been pieced together over the years. The system does not have the capacity for the growing needs of the shows, media and patrons. The wired network has been upgraded. The awards of the NCAA Basketball Championship has put the need of this project to forefront to accommodate National Media needs.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	0.826							0.826		
Total County Cost	0.826	-	-	-	-	-	-	0.826		
Management & Budget Recommendation:										

**Arena Equipment Replacement**

All equipment is at least 15 years old. Replace staging the is old and degrading. Spotlights are in need of frequent repair and replacement parts. Existing barricade lacks step to assist patrons from GA floor. The turnstiles are needed for accurate counts of patrons entering. Forklifts are up in age. The West End curtains will cover the lights in the suites for end stage shows that production often have concerns

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	0.597							0.597		
Total County Cost	0.597	-	-	-	-	-	-	0.597		
Management & Budget Recommendation:										

**Replacement of Chiller, BMS Control, Concourse heat/Fan Coil Replacement, Lighting Upgrade**

Comfort Chiller is original to building construction and is past its useful life. The work for this project would also include replacement of motors, pumps, valves and suction diffusers. This work will offer significant energy reduction savings. This project is needed to run the building more efficiently and help accommodate the increased building load of the front atrium enclosure. Building sealing is needed to prevent loss of conditioned air. Concourse heat is needed rather than ambient from arena bowl. Additional BMS controls to automate more systems for energy conservation. Lighting upgrades are to replace high energy consumption bulbs.

New Project:		Existing Projects:			1				Amended Projects:		
Project Financing (in millions of dollars)											
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total			
County Debt (Bonds & BANS)	0.700	1.250		-	-	-	-	1.950			
Total County Cost	0.700	1.250	-	-	-	-	-	1.950			
Management & Budget Recommendation:											

**Arena Floor, Kitchen Floor, Quad Stairs Refinishing and Atrium door patching**

The main arena floor has sustained several significant gouges. Rebar is showing in several areas. There have been several attempts to patch, but they continue to come out. The kitchen floor has had years of wear and tear. The existing floor covering is coming up in pieces and makes the kitchen look unsanitary. The Quad stairs going to the bathrooms stick out because it sits next to the refinished concourse and bathroom lobby floors.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	0.250	0.250						0.500		
Total County Cost	0.250	0.250	-	-	-	-	-	0.500		
Management & Budget Recommendation:										

**Loading Dock Renovation**

Design and construction of loading dock platforms, doors and bays. Trucks have found it increasingly more difficult to back into the dock area. The dock plates are old and in constant need of adjustment. Weather proof doorways to keep the elements out.

New Project:		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)		0.500						0.500
Total County Cost	-	0.500	-	-	-	-	-	0.500
Management & Budget Recommendation:								

**Locker Room Renovations**

The locker rooms are starting to look dated. They have not been renovated since 2014. Some of the rooms still have finishes from former teams. The heating and cooling in each room is controlled as one area. The modifications would allow for individual room temperature control.

New Project:		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.850	0.850	0.350					2.050
Total County Cost	0.850	0.850	0.350	-	-	-	-	2.050
Management & Budget Recommendation:								

**Additional Show Power and Transformer Replacement**

Events are getting bigger and their expectations are higher. We have 2000 amps of show power. Shows often require more and they need to bring in a generator. This may make the building less desirable to put a show in than the next arena. There is available power in our switchgear, but work is needed to extend it and make it available. There are also several transformers that are over 20 years old and should be replaced before they fail.

New Project:		Existing Projects:			Amended Projects:			1
Amended for 2022-2026 - to increase cost.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)		0.306	0.100					0.406
Total County Cost	-	0.306	0.100	-	-	-	-	0.406
Management & Budget Recommendation:								

**Low Roof Replacement**

The low roof is the last of the roofs that need replacement. There have been several leaks over renovated areas that need patching. The leaks seem to be coming from age, seals coming loose and general wear and tear.

New Project:		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)		0.308						0.308
Total County Cost	-	0.308	-	-	-	-	-	0.308
Management & Budget Recommendation:								

**East Side Stairwell Enclosure**

The stairwells on the East side of the arena has been unsightly due to being unable to keep wildlife out. There have been multiple attempts by several means with no success. Enclosing these stairwells will allow us to keep animals out. It will also provide an extra level of security and utility savings to the adjacent area. There are multiple railings that are determined due to street salt and weather damage. There are various con-crete steps / facades that need recontruction or replacing around the entire property. The concrete and railing replacement / design are anticipated to start in 2021.

New Project:		1	Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			0.500	1.500				2.000
Total County Cost	-		0.500	1.500	-	-	-	2.000
Management & Budget Recommendation:								

Civic Center Capital Plan Summary: All Projects								
New Projects:		1						
Existing Projects:		9						
Amended Projects:		2						
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	8.073	4.314	3.353	1.500	-	-	-	17.240
Total County Cost	8.073	4.314	3.353	1.500	-	-	-	17.240

## AFUND - General Services

### Albany County Office Building Renovations

This project provides for the renovation of the Harold L. Joyce Albany County Office Building. The project includes a new roof, HVAC and electrical systems, ADA compliance, elevator modernization and various interior and exterior upgrades. This project began in the Fall of 2002 and is estimated to be complete in 2023. The project has a useful life of 20 to 30 years.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	19.734	0.750	0.500	0.500				21.484		
Total County Cost	19.734	0.750	0.500	0.500	-	-	-	21.484		
Management & Budget Recommendation:										

### Facility Improvement Project

As part of a continuing program to maintain existing facilities, this project consists of interior painting, carpeting, HVAC mod-ifications, departmental relocation costs, design fees, construction fit-up costs (retrofit / office buildout), moving expenses and the installation of energy management systems at various facilities. Also included are expenses for Times Union Center garage and Spruce Street garage from 2016.

New Project:		Existing Projects:				Amended Projects:			1
Project Amended in 2022-2026 plan - to reduce total costs.									
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)	7.412	1.000	0.500	0.300				9.212	
Total County Cost	7.412	1.000	0.500	0.300	-	-	-	9.212	
Management & Budget Recommendation:									

### Vehicle and Truck Replacement Project

This project would replace fleet pool vehicles in accordance with our Department Vehicle Replacement Plan. This plan would replace 11 +/- vehicles per year for the next 2 years and the vehicles being replace are 10 years old or older. This project was amended to change the completion date to 2024.

New Project:		Existing Projects:			Amended Projects:			1
Project amended in 2022-2026 to add additional year to project.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.864	0.250	0.250	0.250	0.250			2.864
Total County Cost	1.864	0.250	0.250	0.250	0.250	-	-	2.864
Management & Budget Recommendation:								

### County-wide Facilities Evaluation

Many of the County's facilities are aged and would benefit from a structural and engineering evaluation. The proposed evaluation will allow the County to make the best use of it's resources. This project will include evaluation and engineering fees starting in 2015, with any construction beginning in the out years.

New Project:		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.000	0.350						1.350
Total County Cost	1.000	0.350	-	-	-	-	-	1.350
Management & Budget Recommendation:								

Energy Systems Upgrade								
The purpose of this project is to upgrade the energy systems throughout the various County properties. Our energy systems have outlived their useful life (or are close to) and the repair costs are increasing. The completed changes will make our many structures more efficient and lower the overall operating costs. This project could also include solar systems, where feasible, along with other cost saving measures in the properties and continue to be more economical going forward.								
New Project:		Existing Projects:			1		Amended Projects:	
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.075	0.525	0.500	0.500				2.600
Total County Cost	1.075	0.525	0.500	0.500	-	-	-	2.600
Management & Budget Recommendation:								

Office Modernization & Relocation								
The project will address the long term renovation of various County owned properties, including but not limited to DMV, Probation, BOE, & Shaker Place, that require updating prior to the relocation of various departments. Improvements will include various upgrades such as mechanical, HVAC, chillers, electrical, roofs (when necessary), painting & carpeting, moving costs, and energy management systems. Initial expenses will be essentially centered in structural & engineering evaluations.								
New Project:		Existing Projects:			Amended Projects:			1
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)		0.500	2.500					3.000
Total County Cost	-	0.500	2.500	-	-	-	-	3.000
Management & Budget Recommendation:								

Youth Facility Renovation & Upgrade										
The State of New York has stipulated that Albany County modify / renovate their youth facilities to be more conducive to both the age & sex of the child. Therefore, we must address revamping our facilities at DCYF as well as Family Court to comply. Initial cost estimates of this NYS reimbursable project are \$6.2 million. The scope of the makeover project shall include, but are not limited to, design fees, HVAC modification, renovation and fitup of viewing rooms & common areas, electrical, plumbing & bathroom facilities, painting & carpeting as well as furniture & fixtures. Reimbursement from NYS will be long term, most likely over a 20 year period.										
New Project:		Existing Projects:			1				Amended Projects:	
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	6.200							6.200		
NYS Reimbursement		(0.310)	(0.310)	(0.310)	(0.310)			(1.240)		
Total County Cost	6.200	(0.310)	(0.310)	(0.310)	(0.310)	-	-	4.960		
Management & Budget Recommendation:										

Building Renovations at 175 Green St. & 240,250 & 260 S Pearl St									
As part of our continuing program to maintain existing facilities, this project addresses the building renovations at our structures located at 175 Green St., 240, 250 & 260 S. Pearl St. Improvements will primarily focus on HVAC, mechanicals, generators & energy management systems, construction fit-up costs (retro fit /office build out), design fees, office moving & relocation fees, painting & carpeting, the parking lot (paving & striping), and fencing. We anticipate this project to be completed in three to four years.									
New Project:			Existing Projects:			Amended Projects:			1
Project Amended in 2022-2026 to increase total cost.									
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)		3.000	2.000	0.500				5.500	
Total County Cost	-	3.000	2.000	0.500	-	-	-	5.500	
Management & Budget Recommendation:									

**Parking Facility Renovations**

The purpose of this project is to address the ongoing needed parking facility renovation, preservation /upkeep to County owned garages & facilities. We are proposing this plan to address the overall concern over the needed maintenance. The project has a projected completion date of 2024.

<b>New Project:</b>	<b>Existing Projects:</b>	<b>Amended Projects:</b>	1
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**Amended for 2022-2026 - to extend timeline.**

Project Financing (in millions of dollars)

Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)		1.500	0.500	0.500	0.500			3.000
Total County Cost	-	1.500	0.500	0.500	0.500	-	-	3.000

**Management & Budget Recommendation:**

**Albany County Green Capital Projects**

This project will include the purchase some electric vehicles and zero emission vehicles. It will also include some infrastructure improvements with renewable energy technology and energy efficient improvements.

<b>New Project:</b>	1	<b>Existing Projects:</b>	<b>Amended Projects:</b>
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Project Financing (in millions of dollars)

Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			1.000	1.000	1.000	1.000	1.000	5.000
Total County Cost	-	-	1.000	1.000	1.000	1.000	1.000	5.000

**Management & Budget Recommendation:**

**General Services Capital Plan Summary: All Projects**

<b>New Projects:</b>	1
<b>Existing Projects:</b>	4
<b>Amended Projects:</b>	5

Project Financing (in millions of dollars)

Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	37.285	7.875	7.750	3.550	1.750	1.000	1.000	60.210
NYS Reimbursement	-	(0.310)	(0.310)	(0.310)	(0.310)	-	-	(1.240)
Total County Cost	37.285	7.565	7.440	3.240	1.440	1.000	1.000	58.970



## AFUND - Sheriff's Department

Public Safety Building, 58 Verda Ave., Clarksville, NY Renovations & Upgrade								
Renovation and modification to upgrade the Public Safety Building in Clarksville,NY. This project includes modifications to the interior of the facility to maximize space and upgrade technology. This project also includes the erection of a large building to allow for the storage of numerous specialized vehicles and equipment.								
Project amended for 2022-2026- Remaining funding bonded in 2021.								
New Project:			Existing Projects:			Amended Projects: 1		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	2.200	3.700						5.900
Appropriations								-
NYS Grant								-
Total County Cost	2.200	3.700	-	-	-	-	-	5.900
Management & Budget Recommendation:								

911 Communication's Center & Emergency Management Relocation and Upgrade								
Relocation, renovation and modification to existing space and structure, together with new construction, located at the Albany County Nursing Home, primarily the Shaker Wing located at 780 Albany Shaker Road in Albany. This project would include design, demolition, construction modifications, relocation and installation of existing communications equipment as well as the purchase of additional communications equipment which would maximize space and upgrade technology. This would afford the sheriff's office the ability to provide additional and enhanced services to the citizens of Albany County and allow for future growth and consolidation efforts.								
CONTINUATION OF THE RELOCATION, RENOVATION AND MODIFICATION OF EXISITING SPACE AND STRUCTURE AT THE CLARKSVILLE PUBLIC SAFETY BUILDING. THIS PROJECT INCLUDES DESIGN, DEMOLITION, CONSTRUCTION MODIFICATIONS, RELOCATION AND INSTALLATION OF EXISITING COMMUNICATIONS EQUIPMENT AS WELL AS THE PURCHASE OF ADDITIONAL COMMUNICATIONS EQUIPMENT. UPON COMPLETION, THIS PROJECT WOULD ALLOW FOR THE COMPLETE RELOCATION OF OUR E-911 DEPARTMENT.								
New Project:			Existing Projects:			Amended Projects: 1		
Amendment: The 911 Center will be relocated to the Calrksville Public Safety Building building and not Shaker Place Rehabilitation & Nursing Center. No fiscal changes are being made at this time.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	8.000	1.000						9.000
Appropriations		1.000						1.000
Project Total								10.000
NYS Grant		(1.000)						(1.000)
Total County Cost	8.000	1.000	-	-	-	-	-	9.000
Management & Budget Recommendation:								

<b>Sheriff's Capital Plan Summary: All Projects</b>								
<b>New Projects:</b>	0							
<b>Existing:</b>	0							
<b>Amended Projects:</b>	2							
Project Financing (in millions of dollars)								
<b>Year</b>	<b>Pre 2021</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Total</b>
<b>County Debt (Bonds &amp; BANS)</b>	10.200	4.700	-	-	-	-	-	14.900
<b>Appropriations</b>	-	1.000	-	-	-	-	-	1.000
<b>NYS Grant</b>	-	(1.000)	-	-	-	-	-	(1.000)
<b>Total County Cost</b>	10.200	4.700	-	-	-	-	-	14.900

## DFUND - Public Works

CR 157, SR 155 Watervliet-Shaker Road (New Karner Road to Sand Creek Road) [Airport Area FGEIS]									
This project is Phase 3 of the Watervliet-Shaker Road Realignment Project. The section of Watervliet-Shaker Road (WSR) included in this project extends from New Karner Rd. to Sand Creek Rd. The project includes reconstruction and widening of approximately 0.75 miles of CR157 which could include the addition of a center or two additional lanes (depending on traffic study outcome), a new traffic signal at the intersection of New Karner Rd. and WSR, drainage improvements and new pavement. This last phase will complete the Albany-Shaker Rd/WSR Airport Improvement Project started in 2001.									
New Project:			Existing Projects:			Amended Projects:			1
Project amended for 2022-2026 - The project was amended to reflect an updated construction cost and completed SEQR.									
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)		0.433	5.193					5.626	
State Reimbursement								-	
Federal Reimbursement								-	
Total County Cost	-	0.433	5.193	-		-	-	5.626	
Management & Budget Recommendation:									

CR 9 (Bradt Hollow Road) Over Fox Creek Bridge Replacement Project								
Replacement of a 156 ft. long x 32ft. wide, 3 span pre stressed concrete box beam bridge over Fox Creek in the Town of Berne. The bridge was built in 1985, and its NYS DOT rating is currently at the minimum acceptable level. The NYS DOT rating is expected to decrease despite continued maintenance and repairs. The bridge is currently been reduced in lane width due to deteriorated fascia beams.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	2.342							2.342
State Reimbursement								-
Federal Reimbursement	(1.872)							(1.872)
Total County Cost	0.470	-	-	-	-	-	-	0.470
Management & Budget Recommendation:								

HHRT Phase I Paving Project								
Pave approximately five miles of 10' wide trail using 2" binder course asphalt and 2" top course asphalt. Subbase to be provided and installed by Albany County forces. Also included is installation of three rail wooden fencing, pedestrian fencing and misc. signage. County forces to provide shoulder backup and turf establishment.								
New Project:		Existing Projects: 1			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.500							1.500
State Reimbursement	(1.003)							(1.003)
Federal Reimbursement								-
Total County Cost	0.497	-	-	-	-	-	-	0.497
Management & Budget Recommendation:								

Highway Pavement Recycling Projects									
Rehabilitation of several lane miles of County roadways by recycling pavement, re-establishing sub-base and repaving entire road. This pavement process is a very cost effective method of rehabilitating certain low traffic volume, rural County roadways.									
New Project:			Existing Projects:			Amended Projects:			1
Project amended in 2022-2026 to add additional year and increase total cost.									
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)	3.200	0.950	0.950	0.950	0.950	0.950	0.950	8.900	
State Reimbursement								-	
Federal Reimbursement								-	
Total County Cost	3.200	0.950	0.950	0.950	0.950	0.950	0.950	8.900	
Management & Budget Recommendation:									

New Karner Road (NY 155) From US 20 to NY 5: Corridor Improvements								
The project involves pavement rehabilitation, safety improvements, signal timing updates and addition of complete streets components along New Karner Road (NY 155) from US 20 to Watervliet Shaker Road.								
New Project:		Existing Projects: 1			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)		0.460		5.061				5.521
State Reimbursement								-
Federal Reimbursement		(0.368)		(4.049)				(4.417)
Total County Cost	-	0.092		1.012	-	-	-	1.104
Management & Budget Recommendation:								

Vehicle and Truck Replacement								
This project would replace heavy-duty trucks and equipment and light-duty pickup trucks and cars in accordance with our Department Vehicle and Equipment Replacement Plan.								
New Project:			Existing Projects:			Amended Projects: 1		
Project amended in 2022-2026 - to add an additional year and update vehicle costs								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	3.924	1.270	1.450	1.435	1.445	1.305	1.305	12.134
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	3.924	1.270	1.450	1.435	1.445	1.305	1.305	12.134
Management & Budget Recommendation:								

Traffic Sign Compliance Project								
This project will ensure that the County of Albany complies with Federal and State regulations contained in the national Manual on Uniform Traffic Control Devices and the New York State Supplement to the Manual on Uniform Traffic Control Devices, primarily regarding traffic sign retro reflectivity (night-time visibility). All regulatory, warning and guide signs other than street name signs must meet minimum requirements for retro reflectivity as they are replaced. There are close to 8,000 signs on County roadways, in various conditions.								
New Project:		Existing Projects: 1			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.790							0.790
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	0.790	-	-	-	-	-	-	0.790
Management & Budget Recommendation:								

DPW Facilities Assessment/Building/Salt Sheds/Fuel Monitoring System								
This project is an assessment to determine the feasibility of renovation or replacement of DPW facilities, buildings, salt sheds, and the fuel monitoring system. (Will also explore shared services)								
New Project:		Existing Projects: 1			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.000							1.000
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	1.000	-	-	-	-	-	-	1.000
Management & Budget Recommendation:								

CR 11 Highway Rehabilitation Project								
Rehabilitation of approximately 3/4 miles of CR11 between CR412 and NY85 in the Town of Berne. Work includes rehabilitation of roadway by recycling existing asphalt pavement and repaving with base binder and top course asphalt. Also includes modifications to intersection at NY85, replacement of deteriorated concrete box culvert and upgrades to poorly functioning drainage system. Spot full depth replacement will be required at various locations along roadway. Pavement striping will also be included.								
New Project:		Existing Projects: 1			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.250							1.250
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	1.250	-	-	-	-	-	-	1.250
Management & Budget Recommendation:								

CR55 (Creble Rd.) over Vlomankill Culvert Project								
CR55 (Creble Rd.) over Vlomankill Culvert Relining Project (BIN 3363610) - Slip line in place, 3 deteriorated corrugated metal pipes built in 1976 145' long x 35' wide. The culverts have deteriorated to the point that rehabilitation or replacement is necessary. The cost to rehabilitate will be 3-4 times less expensive than replacement.								
New Project:			Existing Projects:			Amended Projects:		1
Amended 2022-2026 Plan - to reflect new Construction year.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)					0.100	0.850		0.950
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	-	0.100	0.850	-	0.950
Management & Budget Recommendation:								

CR 404 / CR402 over Eight Mile Creek (BIN3369600) Box Culvert Replacement Project									
These projects were previously listed separately in the capital plan. They were combined into one project in an effort to save on construction costs. Replacement of two deteriorated Culverts: CR404 between CR10 and Basic Lane and CR402 over 8 Mile Ck (BIN 3369300) in the Town of Westerlo. Minor approach work and new rail will be included in the project.									
New Project:			Existing Projects:			Amended Projects:			1
Amended 2022-2026 Plan - to reflect new construction completion date.									
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)		0.500	0.750					1.250	
State Reimbursement								-	
Federal Reimbursement								-	
Total County Cost	-	0.500	0.750	-	-	-	-	1.250	
Management & Budget Recommendation:									

CR 412 Culvert Replacement Project								
This project was previously programmed as two separate projects in the capital plan. They were combined in an effort to save on construction costs. Two Culvert replacement projects on CR412 in the Town of Westerlo were combined into one project. Site 1 is located Just South of the Berne/Westerlo Line and Site 2 is located 0.25miles North of Slade Hill Rd. The existing corrugated metal pipes and reinforced concrete pipe culverts will be replaced with precast concrete box culverts.								
New Project:			Existing Projects:			Amended Projects: 1		
Project Financing (in millions of dollars)								
Amended 2022-2026 Plan - to reflect new construction end date.								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			1.200					1.200
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	1.200	-	-	-	-	1.200
Management & Budget Recommendation:								

Gifford Hollow Rd. over Tributary to the Switzkill								
Gifford Hollow Rd. over Tributary to the Switzkill Bridge Rehabilitation Project (BIN 3300960). Replacement of a 27' x 18' concrete box culvert located in the Town of Berne. The box culvert was built in 1932 and its NYS DOT rating is approaching the minimum acceptable level. The project also includes minor approach paving on each side of the structure along with new bridge rail. The bridge is beyond its useful life.								
New Project:			Existing Projects:			Amended Projects: 1		
Amended 2022-2026 - to change construction completion date and construction cost.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.157		0.535					0.692
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	0.157	-	0.535	-	-	-	-	0.692
Management & Budget Recommendation:								

Knox Cave Rd. Rehabilitation Project								
Amended to include addition of intersection work at Barber's corners and updated construction cost. Revised completion date. Knox Cave Road Rehabilitation Project - CR254-NY157A includes replacing/rehabbing one large culvert. Mill out top and binder course asphalt approximately 4: depth. Recycle in-place base 3" course, sub-base 2"-3" and inject liquid asphalt, grade and compact. Place 2 1/2" binder course and 1 1/2" top course.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.492	1.900						2.392
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	0.492	1.900	-	-	-	-	-	2.392
Management & Budget Recommendation:								

Krumkill Rd. Truss over Normanskill Bridge								
Krumkill Rd. Truss over Normanskill Bridge Rehabilitation Project - BIN 3301270 Rehabilitation of a 137' x 29' steel truss structure. The bridge was built in 1939 and has undergone a few repairs over the past years. The bridge will be stripped and repainted along with minor repairs to the truss as part of this project. The bridge Is located in the Town of New Scotland.								
New Project:			Existing Projects:			Amended Projects:		1
Project amended 2022-2026 - to reflect new construction year and update project costs.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			0.120	1.380				1.500
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	0.120	1.380	-	-	-	1.500
Management & Budget Recommendation:								

Lawson Lake Facility Improvements								
This project includes planning, studies, survey, mapping permitting design and construction required to update the infrastructure at Lawson Lake County Park. The project is a follow up to the Lawson Lake County Park Feasibility Study dated September 2016. Provide potable running water and sanitary waste removal systems to park users. No change in funding.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.160	0.700						0.860
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	0.160	0.700	-	-	-	-	-	0.860
Management & Budget Recommendation:								

Old Ravena Rd. over Coeymans Creek/CR 405 over Basic Creek									
These projects were previously separate in the capital plan. They were combined in an effort to save on construction costs. Old Ravena Road over Coeymans Creek (BIN 3301030) and CR 405 over Basic Creek (BIN 3301590) Bridge Rehabilitation Project. Repair/replace existing deteriorated pre-stressed concrete beam structures with galvanized rolled steel beams.									
New Project:			Existing Projects:			Amended Projects:			1
2022-2026 - Amended to reflect updated construction cost.									
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)			1.800					1.800	
State Reimbursement								-	
Federal Reimbursement								-	
Total County Cost	-	-	1.800	-	-	-	-	1.800	
Management & Budget Recommendation:									

CR311 and CR 303 (Beaver Dam Road) Rehabilitation Project								
This project will rehabilitate 1.7 miles along CR311 from CR303 to NY157 and 2.0 miles along CR303 from CR303 to NY157A in the Towns of New Scotland and Berne. Full Depth Reclamation of 3.7 miles of existing asphalt followed by placing 3" base, 2 1/2" binder and 1 1/2" of top course asphalt over recycled roadway.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	1.750	0.850						2.600
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	1.750	0.850	-	-	-	-	-	2.600
Management & Budget Recommendation:								

357 over Ten Mile Creek Superstructure Replacement								
Superstructure replacement of CR357 over Ten Mile Creek (BIN 3301460). The existing 42' x 33' pre-stressed concrete box beam superstructure with a concrete deck was constructed in 1987. The superstructure is in need of replacement.								
New Project:			Existing Projects:			Amended Projects:		
						1		
Amended 2022-2026 - to reflect new design and construction year.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.150	0.700			0.850
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.150	0.700	-		0.850
Management & Budget Recommendation:								

CR403 over Wolf Fly Creek and CR 405 over Basic Creek Superstructure Repl.								
This superstructure replacement project was previously paired in the capital plan with the CR405 superstructure replacement project. The project includes replacing the 33' long x 32 Wide pre-stressed concrete I-beam superstructure on CR403 over Wolf Fly Creek (BIN 3301570).								
New Project:			Existing Projects:			Amended Projects:		
						1		
Amended 2022-2026 Plan - to reflect new project schedule.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.150	0.900			1.050
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.150	0.900	-	-	1.050
Management & Budget Recommendation:								

HHRT Bridge over State RTE 85								
Replacement of the existing HHRT Bridge (BIN 7032650) over New Scotland Road (State RTE 85) with a pedestrian structure. The existing girder and floorbeam structure was built approximately in 1912. It is located in the Town of Bethlehem. The bridge is not currently posted as it is used for pedestrian traffic only, however advanced section loss in the many of the steel columns combined with severe impact distortion to two columns makes this bridge a candidate for replacement. The bridge also has substandard vertical clearance of 12'-2", 14' is the required minimum.								
New Project:			Existing Projects:			Amended Projects:		
						1		
Project Amended 2022-2026 Plan to reflect new construction completion date.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.150		2.800					2.950
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	0.150	-	2.800	-	-	-	-	2.950
Management & Budget Recommendation:								

DPW Facilities Improvement Project								
Replacement of mechanical equipment, garage doors, entry doors, carwash updates, plumbing updates, roofing, windows, internet services, and flooring in various DPW subdivisions.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.350							0.350
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	0.350	-	-	-	-	-	-	0.350
Management & Budget Recommendation:								

CR 201 over Black Creek Bridge Replacement								
This project will replace the 28 foot long concrete superstructure bridge over Black Creek in Guilderland. Minor approach work and new railing will be included in the project.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.175	0.900			1.075
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.175	0.900	-	-	1.075
Management & Budget Recommendation:								

CR352 over Fox Creek Bridge Replacement Project								
This project will replace the existing 40' long A588 steel bridge over Fox Creek in the Town of Rensselaerville. Minor approach work and new railing will be included in the project.								
New Project:			Existing Projects:			Amended Projects:		
						1		
Amended in 2022-2026 - to reflect new construction year and updated construction cost.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)		0.180	1.800					1.980
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	0.180	1.800	-	-	-	-	1.980
Management & Budget Recommendation:								

CR405 over 8 Mile Creek Culvert Replacement								
This project replaces the existing triple, 60 foot long, 4 foot diameter corrugated metal pipe culverts with a single pre-cast concrete box culvert. The project is in the Town of Westerlo. Minor approach work and new railing will be included.								
New Project:			Existing Projects:			Amended Projects:		
						1		
Amended: This project was amended to reflect a new construction year and to update design and construction costs. We applied for Bridge NY funding for this project. Funding for Bridge NY expected December 2021.								
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)		0.155		1.200				1.355
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	0.155	-	1.200	-	-	-	1.355
Management & Budget Recommendation:								

DPW Fuel Remediation Project								
Project involves the remediation of a fuel leak at the Voorheesville DPW facility.								
New Project:			Existing Project:		1	Amended Project:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.350				0.350
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.350	-	-	-	0.350
Management & Budget Recommendation:								

CR 102 over Onesquethaw Creek Bridge Rehabilitation								
This project will rehabilitate the 66’L x 26’W, concrete filled stone arch bridge, BIN 3301040, built in 1934 in the Town of Bethlehem. Minor approach, substructure, and railing work will also be performed.								
New Project:		1	Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.160	0.840			1.000
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.160	0.840	-	-	1.000
Management & Budget Recommendation:								

CR 111 over Unnamed Stream Culvert Replacement								
This project will replace the existing three barrel corrugated metal pipe culverts with a 3 sided concrete box culvert in the Town of Coeymans. Hydraulic capacity will be improved, alleviating flooding potential. Mi-nor approach work and new railing will be included in the project.								
New Project:		1	Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.160	0.840			1.000
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.160	0.840	-	-	1.000
Management & Budget Recommendation:								



CR 352 (Fox Creek Rd.) over Fox Creek								
This project will replace the 32'L x 24'W Inverset Structure, BIN 3301500, built in 1990 in the Town of Rensselaerville. Minor approach and railing work will also be performed.								
New Project:		1	Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)				0.160	1.840			2.000
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	-	0.160	1.840	-	-	2.000
Management & Budget Recommendation:								

Construction New Garage Buildings with Office Space for Various Subdivisions								
This project will construct new garages and office space at our Knox and Coeymans subdivisions. The ex-isting structures are beyond their useful life. The new structures will be large enough to house our plow trucks and heavy equipment and will save on future energy costs. Deficiencies noted in the “Department of Public Works Facility Assessment” report by C&S Companies in 2016, noted extensive structural, mechanical, and electrical system upgrades are needed at both locations. The existing structures, are undersized and deteriorated to the point that rehabilitation is not cost effective.								
New Project:		1	Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			5.000					5.000
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	5.000	-	-	-	-	5.000
Management & Budget Recommendation:								

Various Bridge Deck Replacements								
This project will replace the deteriorated wooden bridge decks on three Ohio Truss Structures in the Town of New Scotland. The bridges are as follows: BIN 3301340 - Old Plank Rd. over Onesquethaw Creek, BIN 3301310 - Onesquethaw Creek Rd. over Onesquethaw Creek and BIN 3301300- Rowe Rd. over Onesquethaw Creek. The existing bridge dimensions are as follows: L 65' W 12', L 47' W 14' and L 68' W 12' respectively. Minor work will be done on approaches, railings bearings and substructures.								
New Project:		1	Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			0.200	0.350				0.550
State Reimbursement								-
Federal Reimbursement								-
Total County Cost	-	-	0.200	0.350	-	-	-	0.550
Management & Budget Recommendation:								

Public Works Capital Plan Summary: All Projects								
New Projects:	5							
Existing Projects:	12							
Amended Projects:	14							
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	17.065	7.398	21.798	11.681	8.515	3.105	2.255	71.817
State Reimbursement	(1.003)	-	-	-	-	-	-	(1.003)
Federal Reimbursement	(1.872)	(0.368)	-	(4.049)	-	-	-	(6.289)
Total County Cost	14.190	7.030	21.798	7.632	8.515	3.105	2.255	64.525

## GFUND - Water Purification District

### Anaerobic Digestion of Bio-solids / Regional Biosolids Facility

To design, construct and operate a regional anaerobic digester to energy facility to replace existing ultimate disposal method of sewage sludge at the North plant with related improvements at the South plant. The facility will also be a regional source separated organic (SSO) facility with shared construction, operation and maintenance costs with the Saratoga County Sewer District. This project will replace aging equipment, generate electricity and provide a regional disposal location for SSO's to remove organic waste from landfills. This project would be a major "green" initiative and beneficially use renewable energy resources. This could also be a public / private partnership facility. This project, in 2018, was previously amended to consider consolidation of solids handling operations of both the North, South plants and Saratoga WWTP biosolids and locating it at the North plant providing the greatest economic benefit for the rate payers.

Project is suspended to evaluate other alternatives.

To design, construct and operate a regional anaerobic digester facility at the North Plant with related improvements at the South Plant in order to replace existing sewage sludge incinerators at both North and South plants. The facility will also be a regional facility with shared construction, operation and maintenance costs with the Saratoga County Sewer District. This project was amended in 2020 to include a sludge dryer to mitigate sludge disposal cost escalations due to PFAS concerns and to eliminate onsite electric generation to keep the project cost down.

New Project:		Existing Projects:			Amended Projects:				1
Project amended for 2020-2024 - updating funding sources and total cost of project.									
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)				18.500	14.900			33.400	
Appropriations	0.200	0.400	1.500					2.100	
Saratoga County, NY	(0.200)	(0.400)	(1.500)	(18.500)	(12.900)			(33.500)	
State Reimbursement								-	
Federal Reimbursement								-	
Other	0.200	0.400	1.500	18.500	12.900			33.500	
Total County Cost	0.200	0.400	1.500	18.500	14.900	-	-	35.500	

### South Plant Preliminary Treatment Building Rebuild Project

The South plant was constructed in the early 1970's with much of the facility built on pilings. The Preliminary Treatment building, though built on bedrock, has shifted horizontally causing two major cracks in two walls supporting the concrete roof panels each weighing over 2,000 lbs. The District will perform an engineering evaluation to determine what step need to be taken to rebuild the building.

Amended for 2020-2024 - changed funding sources.

New Project:		Existing Projects:			Amended Projects:			1	
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)				0.600				0.600	
Appropriations				0.050				0.050	
Private Investment									
NYSERDA/ARRA/GIGP								-	
State Reimbursement								-	
Federal Reimbursement								-	
Other	-	-	-	-	-	-	-	-	
Total County Cost	-	-	-	0.650	-	-	-	0.650	
Management & Budget Recommendation:									

**Clarifier Upgrade Project**

Project to include the study, design, and construction of improvements to the existing primary and secondary clarifiers at both the North and South treatment plants. The clarifiers are required for the removal of solids and are a critical process for meeting permit compliance. The majority of the clarifiers mechanical systems are original to both facilities and at the end of their useful life.

**Project Amended for 2021-2025 plan to push out start date.**

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)				0.125	6.000	5.825		11.950		
Appropriations			0.050					0.050		
Private Investment								-		
NYSERDA/ARRA/GIGP								-		
State Reimbursement								-		
Federal Reimbursement								-		
Other	-	-	-	-	-	-	-	-		
Total County Cost	-	-	0.050	0.125	6.000	5.825	-	12.000		

**Management & Budget Recommendation:**

**High Voltage Upgrade**

Project to include the study, design, and construction of improvement to the high voltage electrical service equipment at both the North and South treatment plants. Electric service is critical to the operations of both facilities and the high voltage equipment is original to both facilities and at the end of its useful life.

**Project Amended for 2021-2025 plan to push out start date.**

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)				1.300	2.000			3.300		
Appropriations			0.050					0.050		
Private Investment										
NYSERDA/ARRA/GIGP								-		
State Reimbursement								-		
Federal Reimbursement								-		
Other	-	-	-	-	-	-	-	-		
Total County Cost	-	-	0.050	1.300	2.000	-	-	3.350		

**Management & Budget Recommendation:**

**Septage and FOG Receiving Station**

Project to include the study, design and construction of a new septage and Fats, Oils and Grease (FOG) receiving stations. Study will evaluate alternatives for both the septage receiving station and the FOG receiving station. For the FOG system a brown grease separation process that can produce a biodiesel feed stock will be evaluated against directly injected the grease into the sludge incinerators. Engineering services are estimated to be \$500,000 and the construction cost are estimated to be \$3,500,000.

New Project: 1		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			1.500	2.450				3.950
Appropriations		0.050						0.050
Private Investment								
NYSERDA/ARRA/GIGP								-
State Reimbursement								-
Federal Reimbursement								-
Other								-
Total County Cost	-	0.050	1.500	2.450	-	-	-	4.000

**Management & Budget Recommendation:**

**North Plant Mechanical Bar Screen Replacement**

Project to include the study, design and construction of a new mechanical bar screens at the North Plant. The study will evaluate the use of narrower screen openings to provide more efficient screening removal and provide additional protection to downstream equipment. Screens are anticipated to be similar in design to the screens that are currently being installed at the South Plant. Engineering services are estimated to be \$400,000 and the construction cost are estimated to be \$2,600,000.

New Project: 1		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			0.050	0.950	2.000			3.000
Appropriations								-
Private Investment								
NYSERDA/ARRA/GIGP								-
State Reimbursement								-
Federal Reimbursement								-
Other	-							-
Total County Cost	-	-	0.050	0.950	2.000	-	-	3.000
Management & Budget Recommendation:								

**Sludge Processing Improvements**

Project to include the study, design and construction of improvements to the existing sludge processing systems. The study will evaluate the option of consolidating both South Plant and North Plant sludge operations to the North Plant. Cost estimate includes \$1,000,000 for engineering services, \$6,000,000 for a new sludge forcemain and pump system to pump sludge from the South Plant to the North Plant and \$13,00,000 in improvements to the existing North Plant sludge incinerators.

New Project: 1		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			4.900	10.000	5.000			19.900
Appropriations		0.100						0.100
Private Investment								
NYSERDA/ARRA/GIGP								-
State Reimbursement								-
Federal Reimbursement								-
Other								-
Total County Cost	-	0.100	4.900	10.000	5.000	-	-	20.000
Management & Budget Recommendation:								

**Water Purification District Capital Plan Summary: All Projects**

New Projects:	3							
Existing Projects:	3							
Amended Projects:	1							
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	-	-	6.450	33.925	29.900	5.825	-	76.100
Appropriations	0.200	0.550	1.600	0.050	-	-	-	2.400
						-	-	
Federal Reimbursement	-	-	-	-	-	-	-	-
Saratoga County, NY	(0.200)	(0.400)	(1.500)	(18.500)	(12.900)	-	-	(33.500)
Other	0.200	0.400	1.500	18.500	12.900	-	-	33.500
Total County Cost	0.200	0.550	8.050	33.975	29.900	5.825	-	78.500

# NHFUND - Nursing Home

## **Albany County Nursing Common Areas Renovations**

The modernization of common areas. This would include remodeling the main bathrooms and showers to a functional level. Modernizing outer restrooms to a more appealing look and increased functionality. Replacing tables, chairs and wall coverings in common areas and to a more up to date style. Also, the remodeling of an area to an ADL (Activities of Daily Living) apartment for increased therapy billings.

New Project:		Existing Projects:			Amended Projects:			1	
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)	0.385							0.385	
Total County Cost	0.385	-	-	-	-	-	-	0.385	
Management & Budget Recommendation:									

## **Albany County Nursing Room Furnishings**

The replacement of the current beds, bureaus, bedside stands, over-bed tables and high-back chairs in the resident's personal rooms. This replacement would be to modernize the current room furnishings as many are past the end of their useful life, in disrepair or damaged, mismatched and/or outdated.

New Project:		Existing Projects:			Amended Projects:			1
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.571							0.571
Total County Cost	0.571	-	-	-	-	-	-	0.571
Management & Budget Recommendation:								

## **Albany County Nursing Unit Living Areas Replacement**

The modernization of resident rooms and living areas. This would include new drapes, cubicles, HVAC units, a facelift for personal bathrooms and updating the flooring on the units. Two units would be started and completed in 2015 with the four other units being completed in 2016.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	1.500							1.500		
Total County Cost	1.500	-	-	-	-	-	-	1.500		
Management & Budget Recommendation:										

## **Fire System and Kronos Workforce Management Upgrades**

A Fire Alarm system, in working order, is required for the nursing home. The current system has many components that have reached the end of their useful lives. A modification to our existing system to a more modern one is necessary. This upgrade coincides with current capital projects that are involved in the renovation plan at the Nursing Home. This will also upgrade the system to current NFPA Standards of compliance.

New Project:		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	0.269							0.269
Total County Cost	0.269	-	-	-	-	-	-	0.269
Management & Budget Recommendation:								

**Basement and Kitchen Renovation**

Renovation and re-equipping of approximately 19,500 square feet of Nursing Home basement space consisting of: kitchen, dishwasher room, food storage room, boiler room, central supply, maintenance shops, compressor rooms, delivery area receiving area, dietary offices, housekeeping offices and supply and linen area.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	0.626							0.626		
Total County Cost	0.626	-	-	-	-	-	-	0.626		
Management & Budget Recommendation:										

**Albany County Nursing Home Elevator Modernization**

The Nursing Home elevators are original to the facility and date back to the early 1970's when the building was first constructed. The mechanical system has reached the end of its useful life and are in need of major improvements to comply with current Department of Health regulations. Due to the age of the mechanical systems, frequent downtime of the elevators occur. The modernization will include updating the cars and the mechanical system to a compliant and reliable elevator system.

New Project:		Existing Projects:			Amended Projects:				
Project Financing (in millions of dollars)									
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total	
County Debt (Bonds & BANS)	1.300							1.300	
Total County Cost	1.300	-	-	-	-	-	-	1.300	
Management & Budget Recommendation:									

**Exterior Renovations**

To: a) Re-pave (asphalt) all of the parking areas and roadways of the Nursing Home and provide updated and proper lighting for those areas, b) Replace and upgrade the outdoor signage and c) Replace the entrance walkway and canopy.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	0.365							0.365		
Total County Cost	0.365	-	-	-	-	-	-	0.365		
Management & Budget Recommendation:										

**Main Floor Renovations**

Renovation of the main floor, unit hallways and resident's outdoor area of the Nursing Home. This approximately 19,000 square feet of space contains the following functional services/areas: Physical Therapy, Occupational Therapy, Medical Records, Finance/Business, Social Work, Administration, Clinical, In-service (training), Maintenance Director, Nurse Manager, Staff Conference Room, Human Resources, Barber and Beauty Shops, Mail Room, Recreation Director and Recreation rooms, Infection control, Lobby and 12 Bathrooms. This includes providing solar-like inserts into the two hallways from the main floor to the North and South Wings and a Metal Sun-Protection Awning and Seating for the Resident's Outdoor Area.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	1.184							1.184		
Total County Cost	1.184	-	-	-	-	-	-	1.184		
Management & Budget Recommendation:										

**Renovation and Reconfiguration of North Wing (D, E & F)**

Currently our resident wings D, E and F are 40 bed units and we are utilizing wing E only for residents and D and F for storage. Since all the units connect to one common area one of the three units would have no revenue value. Therefore, we are proposing to use all units for residents and through renovation increase our private rooms. The compliment would be 30 residents per unit, 8 double bedded rooms and 14 private.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	1.100							1.100		
Total County Cost	1.100	-	-	-	-	-	-	1.100		
Management & Budget Recommendation:										

**Renovation of Shaker Place**

Shaker Place is a 20 bed Skilled Nursing Facility wing, this unit was closed about a year ago. We are proposing that this unit be renovated as the others so all are in the same condition and can be used as needed. This unit could be used for a ventilator CON or a heavy care rehabilitation unit.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	0.550							0.550		
Total County Cost	0.550	-	-	-	-	-	-	0.550		
Management & Budget Recommendation:										

**Renovation and re-purposing of South Wing (A, B & C)**

In order for Units A, B, and C to have a positive economic value (revenue generating) for the Nursing Home, renovations of these units is required. These units are outdated and non-conforming. This renovation will bring the resident rooms to code requirements, allow for additional private rooms, permit the admission of higher acuity residents and create an environment that meets NYSDOH requirements.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	2.600							2.600		
Total County Cost	2.600	-	-	-	-	-	-	2.600		
Management & Budget Recommendation:										

**Albany County Nursing Home Energy Upgrades**

An Investment Grade Audit has been conducted by consultants retained by Albany County for the Albany County Nursing Home. This audit yielded considerable recommendations to improve the energy efficiency and the overall attractiveness of the facility. The plan includes lighting improvements, water conservation measures, improvement to the envelope of the building (windows, doors, insulation, etc.) a variety of HVAC measures and an overhaul of the kitchen. These improvements will be paid for in part by the NYSDOH Medicaid capital reimbursement methodology, lower energy costs and the possibility of NYS Energy Savings Programs. The total project cost is approximately \$11 million and is part of the 2015 and 2016 Capital Plan, commencing in 2016. Reso 18-310 An Investment Grade Audit was conducted in 2016 to determine the Energy Efficiencies. The plan included lighting improvements, water conservation measures, improvement to the envelope of the building, a variety of HVAC upgrades and an overhaul of the kitchen. Since that audit a architectural consultant and an energy efficiency expert was retained to validate the findings and issue a revised program. It was determine that upgrades or replacement of windows, boilers, HVAC, lighting, kitchen equipment, refrigerators, generators, insulation, doors, outdoor surfaces, alternative energy, circulating pipes and water conservation systems and or the purchase of new equipment were required. These energy efficiencies were incorporated into our NYSDOH CON and approved as part of the renovation and new construction project.

New Project:		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	15.000							15.000
Total County Cost	15.000	-	-	-	-	-	-	15.000
Management & Budget Recommendation:								

**Albany County Nursing Home New Construction Project**

The purpose of this project is to add an addition to the existing nursing home with approximately 125 new conforming beds, ancillary areas, resident dining and activity rooms, handicapped bathrooms and country style kitchens. This addition will be located on the same site as the existing nursing home. This project will require NYSDOH approval, architectural and engineering with drawings, land studies, surveys, subcontracting, construction management and will permit the current capital plan to be implemented that has been approved and funded by Albany County and the Legislature, however, this initiative will require additional funding. This construction project will require modifications to the existing high rise some mandated and others to accommodate alternate uses, since this part of the facility after the new construction will not be used by the nursing residents. This construction /renovation including the cost of architect, construction manager, sub-contractors, HVAC, moveable equipment and non-moveable equipment under the NYSDOH capital expenditure regulations is considered reimbursable through our Medicaid Rate. A Certificate of Need application will be filed with the NYSDOH. Reso 18-310 The purpose of this project is to add an addition to the existing nursing home with approximately 125 new conforming beds, ancillary areas, resident dining and activity rooms, handicapped bathrooms and country style kitchens. By creating this new facility that will be attached to the current nursing home we will meet the NYSDOH and ADA requirements. It has been determined that remediation of the Albany County Nursing Home is required. To perform this remediation which is outside of the original new construction and renovation project it will be necessary to remove in the existing nursing home all the of walls, partitions, showers, sinks and toilets. Through discussion with the New York State Department of Health they agreed since all resident rooms will be gutted that this new construction should be made handicap accessible and we agreed. This redesign will include the reconfiguration to accommodate a new medical record department with appropriate protected storage and a ADA staff bathing and locker facilities.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)	58.000							58.000		
Total County Cost	58.000	-	-	-	-	-	-	58.000		
Management & Budget Recommendation:										

**Management & Budget Recommendation:****Albany County Nursing Home Vehicle Replacement**

Albany County Nursing Home is in need of replacing our current vehicle fleet. The vehicles have been in service for over 15 years without replacement and are at end of life. It is our plan to replace the entire fleet over the next 2 years.

New Project:		Existing Projects:			1			Amended Projects:		
Project Financing (in millions of dollars)										
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total		
County Debt (Bonds & BANS)		0.350						0.350		
Total County Cost	-	0.350	-	-	-	-	-	0.350		

**Management & Budget Recommendation:****Shaker Place Garage and Parking Lot Extension**

To construct a new garage to house the vehicles of Shaker Place Rehabilitation and Nursing Center and to create additional parking facilities across the street at the current DPW worksite. These projects will require the demolish-ing of buildings on the Shaker Place property and DPW. The garage will include appropriate climate equipment, offices, storage compartments and the roadway to the location will require site work, paving, electric and plumb-ing.

New Project:		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			3.512					3.512
Total County Cost	-	-	3.512	-	-	-	-	3.512

**Management & Budget Recommendation:**



**Day Care Center**

Shaker Place will be renovating/constructing the vacant Shaker Place Wing into a child day care center, following the requirements of the New York Office of Children and Family Services, Division of Child Care Services. This project will include the renovation of ex-isting rooms to suite the child day care program, install and or update the sprinkler and fire alarm system, replace all windows, lighting, bathrooms, flooring and electrical panels and wiring, install HVAC system for air conditioning and heating, create a fenced in outdoor playground, conduct asbestos survey and remove as required by regulation, install security cameras and monitoring system, create new front entrance and furnishings.

New Project: 1		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)			4.557					4.557
Total County Cost	-	-	4.557	-	-	-	-	4.557
Management & Budget Recommendation:								

**Albany County Nursing Home Capital Plan Summary: All Projects**

New Projects:		2						
Existing Projects:		14						
Amended Projects:		0						
Project Financing (in millions of dollars)								
Year	Pre 2021	2021	2022	2023	2024	2025	2026	Total
County Debt (Bonds & BANS)	83.450	0.350	8.069	-	-	-	-	91.869
Total County Cost	83.450	0.350	8.069	-	-	-	-	91.869