



DANIEL P. MCCOY  
COUNTY EXECUTIVE

COUNTY OF ALBANY  
DEPARTMENT OF MANAGEMENT AND BUDGET  
112 STATE STREET, ROOM 1200  
ALBANY, NEW YORK 12207  
PHONE: (518) 447-5525 FAX: (518) 447-5589  
www.albanycounty.com

SHAWN A. THELEN  
COMMISSIONER

M. DAVID REILLY  
DEPUTY COMMISSIONER

February 26, 2020

Hon. Andrew Joyce, Chairman  
Albany County Legislature  
112 State St., Rm 710  
Albany, NY 1227

Dear Chairman Joyce:

The Capital Committee convened on February 25, 2020. The members of the board listened to and voted for approval of the amendment of two projects within the 2020 – 2024 Capital Plan. Attached are the summary changes to those projects. If you have any questions or comments, please feel free to contact my office.

Respectfully Yours,

Shawn A. Thelen

cc: Capital Projects Committee Members  
Majority Counsel, Rm. 700, 112 State Street  
Minority Counsel, Rm. 1360, 112 State Street  
Hon. Dennis Feeney, Legislative Majority Leader  
Hon. Frank Mauriello, Legislative Minority Leader  
Hon. Wanda Willingham, Chairperson, Audit & Finance Comm.  
Angelo Gaudio, Director of Water Purification Department  
Facilities Committee

## DGS - Amendment

### Original Project

<b>Parking Facility Repairs &amp; Maintenance</b>								
The purpose of this project is to address the ongoing needed parking facility repairs and 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 2022.								
New Project: 1			Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			1.500	0.500	0.500			2.500
Total County Cost	-	-	1.500	0.500	0.500	-	-	2.500
<b>Management &amp; Budget Recommendation:</b>								

### Amended Project

<b>Parking Facility Upgrades &amp; Renovation</b>								
Amendment: The purpose of this project is to address the ongoing needed parking facility upgrades and renovation to County owned garages & facilities. We are proposing this plan to address the overall concern over the needed upgrades. The project has a projected completion date of 2022.								
Project amended for 2020-2024 - updating language to clarify focus of project.								
New Project:			Existing Projects:			Amended Projects: 1		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			1.500	0.500	0.500			2.500
Total County Cost	-	-	1.500	0.500	0.500	-	-	2.500
<b>Management &amp; Budget Recommendation:</b>								

**WPD - Amendment**

<b>Anaerobic Digestion of Bio-solids / Regional Organics to Energy Facility</b>								
Design, construct and operate an anaerobic digester to energy facility at the North Plant to replace existing ultimate disposal method of sewage sludge. The facility will also be a regional source separated organic (SSO) facility. 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 project will be located at the North Plant, with related improvements at the South Plant.								
<b>New Project:</b>			<b>Existing Projects:</b>			<b>Amended Projects:</b>		
			1					
<b>Project amended for 2019-2023 - updating funding sources and total cost of project.</b>								
<b>Project Financing (in millions of dollars)</b>								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	-	1.839	11.000	11.000		-	-	23.839
Appropriations	0.161	-	-	0.250				0.411
Saratoga County, NY	-	(2.000)	(11.125)	(11.125)				(24.250)
State Reimbursement								-
Federal Reimbursement								-
Other		2.000	11.125	11.125				24.250
Fund Balance				(0.250)				(0.250)
<b>Total County Cost</b>	<b>0.161</b>	<b>1.839</b>	<b>11.000</b>	<b>11.250</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24.250</b>
<b>Management &amp; Budget Recommendation:</b>								

<b>Anaerobic Digestion of Bio-solids / Regional Organics to Energy Facility ( Regional Anaerobic Digester Proj.)</b>								
To design, construct and operate a regional anaerobic digester to energy facility at the North Plant, with related improvements at the South plant, to replace existing ultimate disposal method of sewage sludge at both North and South plants. 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 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 project in 2018 is amended to consider consolidation of solids handling operations of both the North, South plants and Saratoga Wastewater treatment plant (WWTP) biosolids and locating it at the North plant providing the greatest economic benefit for the rate payers.								
<b>New Project:</b>			<b>Existing Projects:</b>			<b>Amended Projects:</b>		
						1		
<b>Project amended for 2020-2024 - updating funding sources and total cost of project.</b>								
<b>Project Financing (in millions of dollars)</b>								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)				1.050	12.975	12.975		27.000
Appropriations			1.000					1.000
Saratoga County, NY			(1.000)	(1.050)	(12.975)	(12.975)		(28.000)
State Reimbursement								-
Federal Reimbursement								-
Other			1.000	1.050	12.975	12.975		28.000
Fund Balance								-
<b>Total County Cost</b>	<b>-</b>	<b>-</b>	<b>1.000</b>	<b>1.050</b>	<b>12.975</b>	<b>12.975</b>	<b>-</b>	<b>28.000</b>

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M. DAVID REILLY  
DEPUTY COMMISSIONER

February 20th, 2020

Hon. Andrew Joyce, Chairman  
Albany County Legislature  
112 State St., Rm 710  
Albany, NY 12207

Dear Chairman Joyce:

The Capital Committee is to convene on February 25<sup>th</sup>, 2020 to hear the request to amend the 2020-2024 Capital Plan from two departments. The Water Purification District is requesting to modify their entry to reflect current proposed changes to the project. The Department of General Services is requesting to modify the verbiage with one project to properly reflect the projects scope. Subsequent to the meeting, the recommendation of the Capital Committee will be forwarded to the Legislature. Any additional questions or comments, please feel free to contact my office.

Respectfully Yours

  
Shawn A. Thelen

CC:  
Hon. Dennis A. Feeney, Legislative Majority Leader  
Hon. Frank Mauriello, Legislative Minority Leader  
Hon. Wanda Willingham., Chairman, Audit and Finance Committee  
David Latina, Commissioner of General Services  
Lisa Ramundo, Commissioner of Public Works  
Angelo Gaudio, Director of Water Purification District  
Majority Counsel, Room 700, 112 State Street  
Minority Counsel, Room 1360, 112 State Street

## REQUEST FOR LEGISLATIVE ACTION

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Description (e.g., Contract Authorization for Information Services):

..title

Request to Amend the 2020-2024 Capital Plan

..body

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Date: 2/20/2020  
Submitted By: Shawn Thelen  
Department: Management and Budget  
Title: Commissioner  
Phone: 518-447-5525  
Department Rep.  
Attending Meeting: [Click or tap here to enter text.](#)

### Purpose of Request:

- Adopting of Local Law
- Amendment of Prior Legislation
- Approval/Adoption of Plan/Procedure
- Bond Approval
- Budget Amendment
- Contract Authorization
- Countywide Services
- Environmental Impact/SEQR
- Home Rule Request
- Property Conveyance
- Other: (state if not listed)

[Click or tap here to enter text.](#)

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## CONCERNING BUDGET AMENDMENTS

Increase/decrease category (choose all that apply):

- Contractual
- Equipment
- Fringe
- Personnel
- Personnel Non-Individual
- Revenue

Increase Account/Line No.: [Click or tap here to enter text.](#)  
Source of Funds: [Click or tap here to enter text.](#)  
Title Change: [Click or tap here to enter text.](#)

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**CONCERNING CONTRACT AUTHORIZATIONS**

**Type of Contract:**

- Change Order/Contract Amendment
- Purchase (Equipment/Supplies)
- Lease (Equipment/Supplies)
- Requirements
- Professional Services
- Education/Training
- Grant

Choose an item.

Submission Date Deadline Click or tap to enter a date.

- Settlement of a Claim
- Release of Liability
- Other: (state if not listed)

Click or tap here to enter text.

**Contract Terms/Conditions:**

Party (Name/address):

Click or tap here to enter text.

Additional Parties (Names/addresses):

Click or tap here to enter text.

Amount/Raise Schedule/Fee:

Click or tap here to enter text.

Scope of Services:

Click or tap here to enter text.

Bond Res. No.:

Click or tap here to enter text.

Date of Adoption:

Click or tap here to enter text.

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**CONCERNING ALL REQUESTS**

Mandated Program/Service:

Yes  No

If Mandated Cite Authority:

Click or tap here to enter text.

Is there a Fiscal Impact:

Yes  No

Anticipated in Current Budget:

Yes  No

County Budget Accounts:

Revenue Account and Line:

Click or tap here to enter text.

Revenue Amount:

Click or tap here to enter text.

Appropriation Account and Line:

Click or tap here to enter text.

Appropriation Amount:

Click or tap here to enter text.

Source of Funding – (Percentages)

Federal: Click or tap here to enter text.  
State: Click or tap here to enter text.  
County: Click or tap here to enter text.  
Local: Click or tap here to enter text.

Term

Term: (Start and end date) Click or tap here to enter text.  
Length of Contract: Click or tap here to enter text.

Impact on Pending Litigation

If yes, explain: Yes  No   
Click or tap here to enter text.

Previous requests for Identical or Similar Action:

Resolution/Law Number: Reso 337 of 2019  
Date of Adoption: 8/12/2019

**Justification:** (state briefly why legislative action is requested)

The Water Purification District is requesting to modify their entry to reflect current proposed changes to the project. The Department of General Services is requesting to modify the verbiage with one project to properly reflect the projects scope. Subsequent to the meeting, the recommendation of the Capital Committee will be forwarded to the Legislature.

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## CAPITAL PROJECTS COMMITTEE MEETING

*Tuesday February 25th, 2020, 4:00pm  
Room 940*

**Meeting Organizer:** Shawn Thelen

**Purpose:** To discuss the amending of the 2020 -2024 Capital Program.

**Attendees:** Capital Projects Committee, Director of Operations Penn. Departments Presenting  
Capital Plan Amendments and Facilities Assessment Committee

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### *Agenda*

- ❖ Welcome / Introduction
  
- ❖ Capital Plan Amendment Timeline
  
- ❖ Presentations
  - Projects Requesting to be Amended
    - Anaerobic Digestion of Bio-solids
    - Parking Facilities Repairs & Maintenance
  
- ❖ Summary



## DGS - Amendment

### Original Project

<b>Parking Facility Repairs &amp; Maintenance</b>								
The purpose of this project is to address the ongoing needed parking facility repairs and 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 2022.								
<b>New Project:</b> 1			<b>Existing Projects:</b>			<b>Amended Projects:</b>		
<b>Project Financing (in millions of dollars)</b>								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			1.500	0.500	0.500			2.500
Total County Cost			1.500	0.500	0.500			2.500
<b>Management &amp; Budget Recommendation:</b>								

### Amended Project

<b>Parking Facility Upgrades &amp; Preservation</b>								
Amendment: The purpose of this project is to address the ongoing needed parking facility upgrades and preservation 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 2022.								
<b>New Project:</b>			<b>Existing Projects:</b>			<b>Amended Projects:</b> 1		
<b>Project Financing (in millions of dollars)</b>								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			1.500	0.500	0.500			2.500
Total County Cost			1.500	0.500	0.500			2.500
<b>Management &amp; Budget Recommendation:</b>								

## WPD - Amendment

### Original Project

<b>Anaerobic Digestion of Bio-solids / Regional Organics to Energy Facility</b>								
Design, construct and operate an anaerobic digester to energy facility at the North Plant to replace existing ultimate disposal method of sewage sludge. The facility will also be a regional source separated organic (SSO) facility. 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 project will be located at the North Plant, with related improvements at the South Plant.								
<b>New Project:</b>	<b>Existing Projects:</b>				<b>Amended Projects:</b>			
Project amended for 2019-2023 - updating funding sources and total cost of project.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	-	1.839	11.000	11.000				23.839
Appropriations	0.161	-	-	0.250				0.411
Saratoga County, NY		(2.000)	(11.125)	(11.125)				(24.250)
State Reimbursement								-
Federal Reimbursement								-
Other		2.000	11.125	11.125				24.250
Fund Balance				(0.250)				(0.250)
<b>Total County Cost</b>	<b>0.161</b>	<b>1.839</b>	<b>11.000</b>	<b>11.250</b>				<b>24.250</b>
<b>Management &amp; Budget Recommendation:</b>								

### Amended Project

<b>Anaerobic Digestion of Bio-solids / Regional Organics to Energy Facility</b>								
Amendment: To design, construct and operate a regional anaerobic digester to energy facility at the North Plant to replace existing ultimate disposal method of sewage sludge at both North and South plants. 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 is 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.								
<b>New Project:</b>	<b>Existing Projects:</b>				<b>Amended Projects:</b>			
Project amended for 2019-2023 - updating funding sources and total cost of project.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			1.040	11.105	11.105			23.250
Appropriations		0.680	0.320					1.000
Saratoga County, NY								-
State Reimbursement								-
Federal Reimbursement								-
Other								-
Fund Balance								-
<b>Total County Cost</b>		<b>0.680</b>	<b>1.360</b>	<b>11.105</b>	<b>11.105</b>			<b>24.250</b>

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# ALBANY COUNTY

## 2020—2024

### Capital Projects Plan



#### **Capital Projects Committee:**

Chairman of the Legislature;

Chairperson of the Audit and Finance Committee;

Ranking minority member of the Audit and Finance Committee;

Albany County Comptroller;

Commissioner of Management and Budget;

Commissioner of Public Works;

Commissioner of General Services.

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# AFUND - Civic Center

<b>Upper Level Seating Replacement</b>								
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 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	2.623		0.752					3.375
Total County Cost	2.623		0.752					3.375
Management & Budget Recommendation:								

<b>Food Concession Upgrade</b>								
The concession stands in the building have not been renovated in 11 years. New equipment and stand lay-outs would allow for higher quality service and a projected revenue increase due to more efficient operation. Work include mechanical upgrades to the two Beer Draft Coolers and new cosmetic and equipment design for the concourse concession stands. The design has been out to bid. The amount was amended to include epoxy floor finishing in the kitchen and stands for a cleaner safe work environment.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	1.709							1.709
Total County Cost	1.709							1.709
Management & Budget Recommendation:								

<b>Exterior and Concourse Upgrades</b>								
This project includes the renovation & re-facing the walls of the concourse. The concourse has been painted numerous times over the last 25 years. An Epoxy coating would give a new clean look and eliminate the split block look that exists now. There are many areas of the building that will not be affected by the enclosure of the front atrium. These areas will need to be renovated so they look new with the rest of the building. This work includes repairs of exterior stairs and ceilings, painted and the replace of many hollow framed metal doors and windows.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	1.670							1.670
Total County Cost	1.670							1.670
Management & Budget Recommendation:								

<b>LED Expansion</b>								
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 2020-2024 - to increase funding requirements.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	1.375		1.500					2.875
Total County Cost	1.375		1.500					2.875
Management & Budget Recommendation:								

<b>Garage Elevators and General Repairs</b>								
Elevators in the TUC garage have been repaired numerous times due to water infiltration. Service company has indicated the parts needed for repair are obsolete. Stairwell pans are rusting out on several stair cases. Various other repairs such as caulking is needed to divert water to drains and protect mechanical and electrical equipment as well as further deterioration.								
New Project:			Existing Projects:		Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.750	4.375						5.125
Total County Cost	0.750	4.375	-					5.125
Management & Budget Recommendation:								

<b>Main Arena Sound System</b>								
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								
New Project:			Existing Projects:		Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.100		0.850					0.950
Total County Cost	0.100	-	0.850	-	-	-	-	0.950
Management & Budget Recommendation:								

<b>WiFi Network</b>								
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:		Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.452	0.374						0.826
Total County Cost	0.452	0.374	-	-	-	-	-	0.826
Management & Budget Recommendation:								

<b>Arena Equipment Replacement</b>								
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:		Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)		0.597						0.597
Total County Cost	-	0.597	-	-	-	-	-	0.597
Management & Budget Recommendation:								

<b>Replacement of Chiller, BMS Control, Concourse heat/Fan Coil Replacement, Lighting Upgrade</b>								
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.								
<b>New Project:</b>		<b>Existing Projects:</b>		1		<b>Amended Projects:</b>		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)		0.700	1.250	-	-	-	-	1.950
Total County Cost		0.700	1.250	-	-	-	-	1.950
<b>Management &amp; Budget Recommendation:</b>								

<b>Arena Floor, Kitchen Floor, Quad Stairs Refinishing and Atrium door patching</b>								
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.								
<b>New Project:</b>		<b>Existing Projects:</b>		1		<b>Amended Projects:</b>		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)		0.250	0.250					0.500
Total County Cost		0.250	0.250	-	-	-	-	0.500
<b>Management &amp; Budget Recommendation:</b>								

<b>Loading Dock Renovation</b>								
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.								
<b>New Project:</b>		<b>Existing Projects:</b>		1		<b>Amended Projects:</b>		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.500					0.500
Total County Cost			0.500	-	-	-	-	0.500
<b>Management &amp; Budget Recommendation:</b>								

<b>Locker Room Renovations</b>								
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.								
<b>New Project:</b>		<b>Existing Projects:</b>		1		<b>Amended Projects:</b>		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)		0.850	0.850	0.350				2.050
Total County Cost		0.850	0.850	0.350	-	-	-	2.050
<b>Management &amp; Budget Recommendation:</b>								

<b>Additional Show Power and Transformer Replacement</b>								
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: 1			Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.306					0.306
Total County Cost	-	-	0.306	-	-	-	-	0.306
Management & Budget Recommendation:								

<b>Low Roof Replacement</b>								
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: 1			Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.308					0.308
Total County Cost	-	-	0.308	-	-	-	-	0.308
Management & Budget Recommendation:								

<b>Civic Center Capital Plan Summary: All Projects</b>								
New Projects: 2			Existing Projects: 11			Amended Projects: 1		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	8.679	7.146	6.566	0.350	-	-	-	22.741
Total County Cost	8.679	7.146	6.566	0.350	-	-	-	22.741

## 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 2018. The project has a useful life of 20 to 30 years.

New Project:	Existing Projects:	Amended Projects: 1
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Amended for 2020-2024 - to add funds and extend timelines for mechanical system upgrade.

Project Financing (in millions of dollars)

Year	Pre 2019	2019	2020	2021	2022	2023	2024	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 modifications, 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: 1	Amended Projects:
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Project Financing (in millions of dollars)

Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	6.162	1.250	1.000	0.750				9.162
Total County Cost	6.162	1.250	1.000	0.750				9.162

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 2019

New Project:	Existing Projects:	Amended Projects: 1
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Amended for 2020-2024 - to reflect a new project schedule and added project costs and new funding amounts.

Project Financing (in millions of dollars)

Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	1.864	0.356	0.250	0.250	0.250			2.970
Total County Cost	1.864	0.356	0.250	0.250	0.250			2.970

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: 1
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Amended for 2020-2024 - to new funding amounts.

Project Financing (in millions of dollars)

Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	1.000		0.350					1.350
Total County Cost	1.000	-	0.350					1.350

Management & Budget Recommendation:



<b>Hockey Facility - Lockers, Bleachers, Warm Room &amp; Turf</b>								
In 2015, the facility was renovated to address the foundation / slab as well as the size of the hockey rink and reduce it from Olympic to NHL size so that it would be more conducive to the local hockey team needs and replace an obsolete cooling system. This project would include the modification / improvement of bleachers, locker facilities, a warm room, and indoor turf.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.600							0.600
Total County Cost	0.600							0.600
Management & Budget Recommendation:								

<b>Roof &amp; Heating Project</b>								
This project would repair the roofs at the Cornell Co-op and the Dept of Social Services Building. It would also include the replacement of and add additional heating and cooling units at the Co-op.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	1.550							1.550
Total County Cost	1.550							1.550
Management & Budget Recommendation:								

<b>Shaker Facility Complex</b>								
This project would stabilize County structures at the historic Shaker site, that the County is responsible for, including roofs.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.500							0.500
Total County Cost	0.500							0.500
Management & Budget Recommendation:								

<b>Times Union Center Garage Egress &amp; Parking Facility Repairs</b>								
The purpose of this project is to address the ongoing traffic issue when attending events at the Times Union Center and daily parkers by providing another egress. In addition, we will address needed parking facility repairs. We are proposing this project to alleviate the con-gested traffic concern in Downtown Albany in conjunction with the ongoing renovations at the TU Center and Civic Center. Due to the construction of the Civic Center, the TU Garage has lost its second egress point and it is imperative to develop and build another exit. This egress project has a projected completion date of 2017 while the parking facility repairs will be ongoing thru 2020.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	2.000	0.800						2.800
Total County Cost	2.000	0.800						2.800
Management & Budget Recommendation:								

<b>Energy Systems Upgrade</b>								
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 <u>repair</u> 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 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.550	0.525	0.525					1.600
Total County Cost	0.550	0.525	0.525					1.600
Management & Budget Recommendation:								

<b>Office Modernization &amp; Relocation</b>								
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: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)		0.500	2.500					3.000
Total County Cost		0.500	2.500					3.000
Management & Budget Recommendation:								

<b>Youth Facility Renovation &amp; Upgrade</b>								
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 2019	2019	2020	2021	2022	2023	2024	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:								

<b>Building Renovations at 175 Green St. &amp; 240,250 &amp; 260 S Pearl St</b>								
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: 1			Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.500	0.250	0.100			0.850
Total County Cost			0.500	0.250	0.100			0.850
Management & Budget Recommendation:								

Parking Facility Repairs & Maintenance								
The purpose of this project is to address the ongoing needed parking facility repairs and 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 2022.								
New Project: 1			Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			1.500	0.500	0.500			2.500
Total County Cost			1.500	0.500	0.500			2.500
Management & Budget Recommendation:								

General Services Capital Plan Summary: All Projects								
New Projects: 2			Existing Projects: 8			Amended Projects: 3		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	33.960	9.631	7.375	2.250	1.350	-	-	54.566
NYS Reimbursement	-	-	(0.310)	(0.310)	(0.310)	(0.310)	-	(1.240)
Total County Cost	33.960	9.631	7.065	1.940	1.040	(0.310)	-	53.326

## AFUND - Sheriff's Department

### Energy Upgrade via NYSERDA Flextech Services

This project would implement recommendations made pursuant to a New York State Energy and Research Development Authority (NYSERDA) Energy Assessment of the Albany County Correctional Facility. The assessment identified areas of potential energy savings with short term payback periods and incentive payments from NYSERDA offsetting the total cost.

<b>New Project:</b>	<b>Existing Projects:</b> 1	<b>Amended Projects:</b>						
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
County Debt (Bonds & BANS)	3.600							3.600
Appropriations								
NYS Grant								
<b>Total County Cost</b>	<b>3.600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.600</b>
<b>Management &amp; Budget Recommendation:</b>								

### Switchgear Replacement

This project will remove and replace the Facility's aging switchgear (25+) that serves the entire facility. The project will bring reliability to our power system with up to date technology and updated equipment ensuring uninterrupted services.

<b>New Project:</b>	<b>Existing Projects:</b> 1	<b>Amended Projects:</b>						
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
County Debt (Bonds & BANS)		2.700						2.700
Appropriations								
NYS Grant								
<b>Total County Cost</b>		<b>2.700</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.700</b>
<b>Management &amp; Budget Recommendation:</b>								

### Clarksville Public Safety Building 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.

<b>Project amended for 2020-2024- timeline start pushed out , description modified, additional funding added.</b>								
<b>New Project:</b>	<b>Existing Projects:</b>	<b>Amended Projects:</b> 1						
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
County Debt (Bonds & BANS)	-	2.200	1.500					3.700
Appropriations								
NYS Grant								
<b>Total County Cost</b>	<b>-</b>	<b>2.200</b>	<b>1.500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.700</b>
<b>Management &amp; Budget Recommendation:</b>								

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.								
New Project:			Existing Projects: 1			Amended Projects:		
Project amended for 2019-2023 - increased cost of project and extended time line.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	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:								

Sheriff's Capital Plan Summary: All Projects								
New Projects:	0							
Existing:	3							
Amended Projects:	1							
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	3.600	12.900	2.500	-	-	-	-	19.000
Appropriations	-	-	1.000	-	-	-	-	1.000
NYS Grant	-	-	(1.000)	-	-	-	-	(1.000)
Total County Cost	3.600	12.900	2.500	-	-	-	-	19.000

## DFUND - Public Works

<b>CR 157, SR 155 Watervliet-Shaker Road (New Karner Road to Sand Creek Road) [Airport Area FGEIS]</b>								
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 in 2020-2024 - The project was amended to reflect a new project start and project end date as well as to update the cost estimate.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.433		4.758			5.191
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
<b>Total County Cost</b>			0.433		4.758			5.191
<b>Management &amp; Budget Recommendation:</b>								

<b>CR 352 Fox Creek Road Bridge Replacement Project</b>								
Replacement of a 30'X30' twin cell concrete box culvert over the Squirmer Creek in the Town of Rensselaerville. The box culvert was built in 1951 and its NYSDOT rating is currently below the minimum acceptable level. The project also includes minor approach paving on each side of the structure. Additional money added for design of this project. The bridge is beyond its useful life.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	1.268							1.268
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
<b>Total County Cost</b>	1.268							1.268
<b>Management &amp; Budget Recommendation:</b>								

<b>CR 9 (Bradt Hollow Road) Over Fox Creek Bridge Replacement Project</b>								
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 <u>repairs</u> . 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 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	2.342							2.342
Mitigation Fees								
State Reimbursement								
Federal Reimbursement	(1.872)							(1.872)
<b>Total County Cost</b>	0.470							0.470
<b>Management &amp; Budget Recommendation:</b>								

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 amended for 2019-2023 to reduce cost.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	1.500							1.500
Mitigation Fees								
State Reimbursement		(1.003)						(1.003)
Federal Reimbursement								
Total County Cost	1.500	(1.003)						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 2020-2024 to add additional year and increase total cost.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	3.200	0.850	0.950	0.950	0.950	0.950	0.950	8.800
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost	3.200	0.850	0.950	0.950	0.950	0.950	0.950	8.800
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:			Amended Projects: 1		
Project amended for 2020-2024 - to reflect a new project schedule and updated project costs and new funding amounts.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)				0.920		4.601		5.521
Mitigation Fees								
State Reimbursement								
Federal Reimbursement				(0.735)		(3.681)		(4.417)
Total County Cost				0.184		0.920		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 2020-2024 - to reflect up to date pricing of new equipment/vehicles								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	2.824	1.100	1.255	1.270	1.450	1.435	1.445	10.779
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost	2.824	1.100	1.255	1.270	1.450	1.435	1.445	10.779
Management & Budget Recommendation:								

**Weaver Road Bridge Rehabilitation Project**

Rehabilitation of an existing deteriorated pre-stressed concrete box beam structure over the Black Creek in the Town of Guilderland. The bridge was built in 1975 and is currently closed to traffic. It's NYS DOT rating is currently below the minimum acceptable level. The bridge superstructure has failed and is in need of replacement.

<b>New Project:</b>		<b>Existing Projects:</b>		1		<b>Amended Projects:</b>		
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
County Debt (Bonds & BANS)	0.690							0.690
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
<b>Total County Cost</b>	<b>0.690</b>							<b>0.690</b>
<b>Management &amp; Budget Recommendation:</b>								

**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.

<b>New Project:</b>		<b>Existing Projects:</b>		1		<b>Amended Projects:</b>		
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
County Debt (Bonds & BANS)		0.475	0.315	0.325				1.115
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
<b>Total County Cost</b>		<b>0.475</b>	<b>0.315</b>	<b>0.325</b>				<b>1.115</b>
<b>Management &amp; Budget Recommendation:</b>								

**Various Culvert Replacement Projects**

The project includes removing existing deteriorated concrete box culverts and replacing with new pre-cast concrete box culverts at three (3) sites in the Town of Westerlo and repair to an existing concrete box culvert in the Town of New Scotland. The project also includes minor approach paving and guide rail installation.

<b>New Project:</b>		<b>Existing Projects:</b>		1		<b>Amended Projects:</b>		
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
County Debt (Bonds & BANS)	0.840							0.840
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
<b>Total County Cost</b>	<b>0.840</b>							<b>0.840</b>
<b>Management &amp; Budget Recommendation:</b>								

**DPW Facilities Assessment/Building/Salt Sheds/Fuel Monitoring System**

This project is an assessment to determine the feasibility or repair/replacement of DPW facilities, buildings, salt sheds, and the fuel monitoring system. (Will also explore shared services)

<b>New Project:</b>		<b>Existing Projects:</b>		1		<b>Amended Projects:</b>		
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
County Debt (Bonds & BANS)	1.000							1.000
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
<b>Total County Cost</b>	<b>1.000</b>							<b>1.000</b>
<b>Management &amp; Budget Recommendation:</b>								



**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 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	1.250							1.250
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost	1.250							1.250
Management & Budget Recommendation:								

**Heldeburg-Hudson Rail Trail Connecting Link between Phase I and Phase II**

This project would include minor repairs to the New Scotland Avenue Bridge to safely accommodate pedestrians and bicyclists. It would also eliminate encroachments at a private residence and a business in the immediate area. Additional money has been added for the design of this project.

New Project:		Existing Projects: 1		Amended Projects:				
Description Amendment: This project includes paving and striping the Slingerlands Trailhead parking lot as well as landscaping and new railing. No change in funding.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.075	0.875						0.950
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost	0.075	0.875						0.950
Management & Budget Recommendation:								

**Large Culvert Replacement Project**

The project includes removing large deteriorated concrete box culverts and large corrugated metal pipes and replacing with new pre-cast concrete box culverts at various sites throughout Albany county. Four sites are anticipated. Project will also include minor approach paving and gulderail installation.

New Project:		Existing Projects: 1		Amended Projects:				
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	2.415							2.415
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost	2.415							2.415
Management & Budget Recommendation:								

**CR253 (Bozenkill Rd.) over CSX Tracks**

CR253 (Bozenkill Rd.) over Rail Road Tracks (BIN 3301240) Bridge Rehabilitation Project. Rehabilitation of a pre-stressed concrete box beam superstructure and deck. Bridge was built in 1981 and is 95' long x 25' wide. Located in the Town of Knox. The bridge has a NYS DOT condition rating of 3.882 and is currently below NYS DOT acceptable standards.

New Project:		Existing Projects: 1		Amended Projects:				
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.298	1.041						1.339
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost	0.298	1.041						1.339
Management & Budget Recommendation:								

**CR 404 Culvert Replacement Project**

Culvert Replacement Project CR404 between CR410 and Basic Lane. Replace existing concrete box culvert approximately 30.5' x 12.5' located in the Town of Westerlo. Built in 1934. The concrete box culvert is narrow and in poor shape. Because of its length, less than 20' it is not subject to NYS DOT annual inspection. Project to include installing a wider concrete box culvert, minor approach work over both sides and new bridge rail.

New Project:		Existing Projects:		1		Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)		0.128	0.338					0.466
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost		0.128	0.338					0.466

Management & Budget Recommendation:

**CR 412 Culvert Replacement Project**

Culvert Replacement Project located in the Town of Westerlo on CR412. Replacement of three (3) sets of deteriorated culvert pipes. These culverts are prone to flooding and are in need of replacement. We anticipate using three (3) three sided low profile box culverts. Work would include paving and new bridge rail.

New Project:		Existing Projects:		1		Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.200	0.700				0.900
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost			0.200	0.700				0.900

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:		1		Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)				0.201	0.750			0.951
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost				0.201	0.750			0.951

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:		1		Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.157	0.535				0.692
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost			0.157	0.535				0.692

Management & Budget Recommendation:

<b>Knox Cave Rd. Rehabilitation Project</b>								
Knox Cave Rd. Rehabilitation Project - CR254 to NY157A includes replacing/rehabbing one large culvert. Mill out top and binder course asphalt approximately 4" depth. Recycle in-place base(3") course and (2"-3") of subbase and inject liquid asphalt, grade and compact. Place 2 1/2" binder course and 1-1/2" top course asphalt.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)		0.492	1.275					1.767
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost		0.492	1.275					1.767
Management & Budget Recommendations:								

<b>Krumkill Rd. Truss over Normanskill Bridge</b>								
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: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)				0.900				0.900
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost				0.900				0.900
Management & Budget Recommendation:								

<b>Lawson Lake Facility Improvements</b>								
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.								
New Project:			Existing Projects: 1			Amended Projects:		
Description Amendment: Provide potable running water and sanitary waste removal systems to park users. No change in funding.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.160	0.700						0.860
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost	0.160	0.700						0.860
Management & Budget Recommendation:								

<b>Old Ravena Rd. over Coeymans Creek</b>								
Old Ravena Road over Coeymans Creek (BIN 3301030) Bridge Rehabilitation Project. Repair/replace existing deteriorated pre-stressed concrete "t" beam structure. Bridge is 77' long by 23' wide. New bridge rail will also be installed. The bridge was built in 1975 and it NYS DOT condition rating is 4.891 and is currently below the minimum acceptable level. The NYS DOT rating is expected to decrease due to age and condition of structure.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)		0.182	0.701					0.883
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost		0.182	0.701					0.883
Management & Budget Recommendation:								

Various Bridge Deck Replacement Projects								
Various Bridge Deck Replacement/Rehabilitation Projects of four (4) Bridges. CR202(BIN 3301168), CR405 (BIN 3301590), CR357 (BIN3301460), CR353 (BIN 3301470) Work includes replacement of deteriorating concrete superstructures, armor joints and bridge rail.								
New Project:			Existing Projects: 1		Amended Projects:			
Project Financing (In millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.435	1.789						2.224
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost	0.435	1.789						2.224
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:		Amended Projects: 1			
Project amended in 2020-2024 to push out start date and add funding.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			2.300					2.300
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost			2.300					2.300
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: 1		Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)				0.150	0.700			0.850
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost				0.150	0.700			0.850
Management & Budget Recommendation:								

CR402 over Eight Mile Creek (BIN3369600) Box Culvert Replacement								
Replacement of Concrete Box Culvert on CR 402 over Eight Mile Creek. The NYSDOT condition rating of the structure is 4.545 which is considered deficient.								
New Project:			Existing Projects: 1		Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.175	0.825				1.000
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost			0.175	0.825				1.000
Management & Budget Recommendation:								

<b>CR403 over Wolf Fly Creek and CR 405 over Basic Creek Superstructure Repl.</b>								
Superstructure replacement of CR403 over Wolf Fly Creek (BIN 3301570) and CR 405 over Basic Creek (BIN 3301590). Both structures are currently rated below a 5 which is considered deficient by NYSDOT Standards.								
New Project:		Existing Projects: 1			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.300	1.200				1.500
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost			0.300	1.200				1.500
Management & Budget Recommendation:								

<b>HHRT Bridge over State RTE 85</b>								
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 for 2020-2024 Plan. Project start date was moved to August 2018 due to poor condition of the bridge. Changed project cost based on updated replacement estimate. Cost could be modified if rehabilitation option is chosen over replacement.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)		0.150	1.700					1.850
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost		0.150	1.700					1.850
Management & Budget Recommendation:								

<b>DPW Facilities Improvement Project</b>								
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 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)		0.350						0.350
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost		0.350						0.350
Management & Budget Recommendation:								

<b>Replacement of Two Culverts on CR412 over Hannacrois Creek</b>								
This project will replace two sets of deteriorated culverts along CR 412 in the Town of Westerlo. The first is a 50 foot long, 4 foot diameter corrugated metal pipe (CMP) culvert with a parallel 2 foot diameter concrete pipe culvert located just below the Berne Town line. The second are two 62 foot long 6 foot diameter reinforced concrete pipe culverts with CMP extensions located near Slade Hill Road. Both culverts will be replaced with Precast Concrete Box Culverts. Minor approach paving and new railing will be required.								
New Project: 1		Existing Projects:			Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.270	0.470				0.740
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost			0.270	0.470				0.740
Management & Budget Recommendation:								

**CR 108 over Tributary to Feuri Spruyt Culvert Replacement Project**  
 This project replaces two parallel 55 foot long, 4 foot diameter corrugated metal culvert pipes with a single pre-cast concrete box culvert. The project is located in the Town of Coeymans. Minor approach work and new railing are included in the project.

New Project: 1		Existing Projects:			Amended Projects:			
Project Financing (In millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)						0.175	0.250	0.425
Mitigation Fees								-
State Reimbursement								-
Federal Reimbursement								-
Total County Cost						0.175	0.250	0.425
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: 1		Existing Projects:			Amended Projects:			
Project Financing (In millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)				0.175	0.900			1.075
Mitigation Fees								-
State Reimbursement								-
Federal Reimbursement								-
Total County Cost				0.175	0.900			1.075
Management & Budget Recommendation:								

**Culvert Replacement on CR256 over Tributary to Black Creek**  
 This project proposes to remove the existing 30 foot long, 5.33 x 7.67 foot wide corrugated metal pipe connected to a 20 foot long 5.25 x 8 foot concrete box culvert and replace it with a pre-cast concrete box culvert. The project is in the Town of Knox. It includes minor approach paving and railing.

New Project: 1		Existing Projects:			Amended Projects:			
Project Financing (In millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)				0.175	0.400			0.575
Mitigation Fees								-
State Reimbursement								-
Federal Reimbursement								-
Total County Cost				0.175	0.400			0.575
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: 1		Existing Projects:			Amended Projects:			
Project Financing (In millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.180	1.000				1.180
Mitigation Fees								-
State Reimbursement								-
Federal Reimbursement								-
Total County Cost			0.180	1.000				1.180
Management & Budget Recommendation:								

<b>CR405 over 8 Mile Creek Culvert Replacement</b>								
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: 1			Existing Projects:			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)				0.200	0.350			0.550
Mitigation Fees								
State Reimbursement								
Federal Reimbursement								
Total County Cost				0.200	0.350			0.550
Management & Budget Recommendation:								

<b>Public Works Capital Plan Summary: All Projects</b>								
New Projects:		6						
Existing Projects:		24						
Amended Projects:		6						
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	18.297	8.132	10.549	9.996	10.258	7.161	2.645	67.038
Mitigation Fees	-	-	-	-	-	-	-	-
State Reimbursement	-	(1.003)	-	-	-	-	-	(1.003)
Federal Reimbursement	(1.872)	-	-	(0.736)	-	(3.681)	-	(6.289)
Total County Cost	16.425	7.129	10.549	9.260	10.258	3.480	2.645	59.746

## GFUND - Water Purification District

<b>North and South Return and Waste Activated Sludge Pump Replacement Project</b>								
Replacement of 40 year old pumping equipment that is at the end of useful life which includes the return and waste activated pumping systems at both sites. The return and waste activated pump systems are integral to the secondary treatment process units. This project will also include energy efficiency components including energy efficient motors and variable frequency drives.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	2.200							2.200
Appropriations	1.080							1.080
Private Investment								
State Reimbursement								
Federal Reimbursement								
Other								
<b>Total County Cost</b>	<b>3.280</b>							<b>3.280</b>
<b>Management &amp; Budget Recommendation:</b>								

<b>North and South Plant Electric Improvements</b>								
Upgrades/replacement of motor control centers at both North and South sites with replacement of the North Plant emergency generator and ancillary wiring and conduit upgrades.								
New Project:			Existing Projects: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	2.294							2.294
Appropriations	2.052							2.052
Private Investment								
State Reimbursement								
Federal Reimbursement								
Other								
<b>Total County Cost</b>	<b>4.346</b>							<b>4.346</b>
<b>Management &amp; Budget Recommendation:</b>								

<b>Anaerobic Digestion of Bio-solids / Regional Organics to Energy Facility</b>								
Design, construct and operate an anaerobic digester to energy facility at the North Plant to replace existing ultimate disposal method of sewage sludge. The facility will also be a regional source separated organic (SSO) facility. 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 project will be located at the North Plant, with related improvements at the South Plant.								
New Project:			Existing Projects: 1			Amended Projects:		
Project amended for 2019-2023 - updating funding sources and total cost of project.								
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	-	1.839	11.000	11.000				23.839
Appropriations	0.161			0.250				0.411
Saratoga County, NY		(2,000)	(11.125)	(11.125)				(24,250)
State Reimbursement								
Federal Reimbursement								
Other		2,000	11.125	11.125				24,250
Fund Balance				(0.250)				(0,250)
<b>Total County Cost</b>	<b>0.161</b>	<b>1,839</b>	<b>11,000</b>	<b>11,250</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24,250</b>
<b>Management &amp; Budget Recommendation:</b>								



**South Plant Preliminary Treatment Building Repair 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 repair the building.

Amended for 2020-2024 - changed funding sources.

<b>New Project:</b>		<b>Existing Projects:</b>			<b>Amended Projects:</b>			<b>1</b>
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
County Debt (Bonds & BANS)								
Appropriations			0.650					0.650
Private Investment								
NYSERDA/ARRA/GIGP								
State Reimbursement								
Federal Reimbursement								
Other								
<b>Total County Cost</b>			<b>0.650</b>					<b>0.650</b>
<b>Management &amp; Budget Recommendation:</b>								

**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.

<b>New Project:</b>		<b>Existing Projects:</b>			<b>Amended Projects:</b>			<b>1</b>
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
County Debt (Bonds & BANS)				0.300	2.400	1.150		3.850
Appropriations			0.050					0.050
Private Investment								
NYSERDA/ARRA/GIGP								
State Reimbursement								
Federal Reimbursement								
Other								
<b>Total County Cost</b>			<b>0.050</b>	<b>0.300</b>	<b>2.400</b>	<b>1.150</b>		<b>3.900</b>
<b>Management &amp; Budget Recommendation:</b>								

**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.

<b>New Project:</b>		<b>Existing Projects:</b>			<b>Amended Projects:</b>			<b>1</b>
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
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								
<b>Total County Cost</b>		<b>0.050</b>	<b>1.300</b>	<b>2.000</b>				<b>3.350</b>
<b>Management &amp; Budget Recommendation:</b>								

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

<b>New Projects:</b>	<b>2</b>
<b>Existing Projects:</b>	<b>3</b>
<b>Amended Projects:</b>	<b>1</b>

**Project Financing (in millions of dollars)**

<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>County Debt (Bonds &amp; BANS)</b>	4.494	1.839	12.300	13.300	2.400	1.150	-	35.483
<b>Appropriations</b>	3.293	0.050	0.700	0.250	-	-	-	4.293
<b>Saratoga County, NY</b>	-	(2.000)	(11.125)	(11.125)	-	-	-	(24.250)
<b>State Reimbursement</b>	-	-	-	-	-	-	-	-
<b>Federal Reimbursement</b>	-	-	-	-	-	-	-	-
<b>Other</b>	-	2.000	11.125	11.125	-	-	-	24.250
<b>Fund Balance</b>	-	-	-	(0.250)	-	-	-	(0.250)
<b>Total County Cost</b>	<b>7.787</b>	<b>1.889</b>	<b>13.000</b>	<b>13.300</b>	<b>2.400</b>	<b>1.150</b>	<b>-</b>	<b>39.526</b>

## 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: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	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: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	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 2019	2019	2020	2021	2022	2023	2024	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: 1			Amended Projects:		
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.269							0.269
Total County Cost	0.269							0.269
Management & Budget Recommendation:								

<b>Basement and Kitchen Renovation</b>								
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 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.626							0.626
Total County Cost	0.626							0.626
Management & Budget Recommendation:								

<b>Albany County Nursing Home Elevator Modernization</b>								
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: 1		Amended Projects:			
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	1.300							1.300
Total County Cost	1.300							1.300
Management & Budget Recommendation:								

<b>Exterior Renovations</b>								
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 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	0.365							0.365
Total County Cost	0.365							0.365
Management & Budget Recommendation:								

<b>Main Floor Renovations</b>								
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 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	1.184							1.184
Total County Cost	1.184							1.184
Management & Budget Recommendation:								

<b>Renovation and Reconfiguration of North Wing (D, E &amp; F)</b>								
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.								
<b>New Project:</b>			<b>Existing Projects:</b> 1			<b>Amended Projects:</b>		
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>County Debt (Bonds &amp; BANS)</b>	1.100							1.100
<b>Total County Cost</b>	1.100	-	-	-	-	-	-	1.100
<b>Management &amp; Budget Recommendation:</b>								

<b>Renovation of Shaker Place</b>								
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.								
<b>New Project:</b>			<b>Existing Projects:</b> 1			<b>Amended Projects:</b>		
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>County Debt (Bonds &amp; BANS)</b>	0.550							0.550
<b>Total County Cost</b>	0.550	-	-	-	-	-	-	0.550
<b>Management &amp; Budget Recommendation:</b>								

<b>Renovation and re-purposing of South Wing (A, B &amp; C)</b>								
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.								
<b>New Project:</b>			<b>Existing Projects:</b> 1			<b>Amended Projects:</b>		
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>County Debt (Bonds &amp; BANS)</b>	2.600							2.600
<b>Total County Cost</b>	2.600	-	-	-	-	-	-	2.600
<b>Management &amp; Budget Recommendation:</b>								

### 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.

<b>New Project:</b>	<b>Existing Projects:</b>	1	<b>Amended Projects:</b>					
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>County Debt (Bonds &amp; BANS)</b>	11.000		4.000					15.000
<b>Total County Cost</b>	11.000	-	4.000	-	-	-	-	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.

<b>New Project:</b>	<b>Existing Projects:</b>	1	<b>Amended Projects:</b>					
<b>Project Financing (in millions of dollars)</b>								
<b>Year</b>	<b>Pre 2019</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>County Debt (Bonds &amp; BANS)</b>	-	40.000	18.000					58.000
<b>Total County Cost</b>	-	40.000	18.000	-	-	-	-	58.000

**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 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)			0.350					0.350
Total County Cost	-	-	0.350	-	-	-	-	0.350
Management & Budget Recommendation:								

Albany County Nursing Home Capital Plan Summary: All Projects								
New Projects:			0					
Existing Projects:			14					
Amended Projects:			0					
Project Financing (in millions of dollars)								
Year	Pre 2019	2019	2020	2021	2022	2023	2024	Total
County Debt (Bonds & BANS)	21.450	40.000	22.350	-	-	-	-	83.800
Total County Cost	21.450	40.000	22.350	-	-	-	-	83.800