SCHENECTADY COUNTY
New York

Adopted
2020-2025
Capital Improvement Program
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## ADOPTED CAPITAL PROJECTS
### FOR 2020

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### COUNTY APPROPRIATIONS
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- SERIAL BONDS
- STATE REIMBURSEMENT
- FEDERAL REIMBURSEMENT
- OTHER
- TOTAL
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**Total**: $39,873,360

### Notes
- The funding sources include County, State, Federal, and Other.
- All amounts are in USD.
- The table provides the funding requests for the years 2020 to 2025.
## CAPITAL EQUIPMENT 2020-2025

### DEPARTMENTAL REQUESTS

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2020-2025

CAPITAL PROJECT REQUESTS
2020 - 2025 CAPITAL PROJECT REQUESTS

DEPARTMENT: Aviation

PROJECT: Runway and Off Runway Obstruction Removal

DESCRIPTION: This project will include the design of obstruction removal from the Runway 10 approach based on the Environmental Assessment begun in 2019. The project will identify obstructions to the appropriate surfaces and design a plan for removal. The project will also include the coordination and acquisition of easements onto private properties in order to complete the construction portion of the project.

JUSTIFICATION: FAA and Schenectady County have identified tree obstructions to the Runway 10 approach and have completed an Environmental Easement to outline the requirements of obstruction removal.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $157,500

STATUS OF PLANS: Preliminary

SOURCE OF FUNDS:
- County $7,875
- State $7,875
- Federal $141,750

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
- County $7,875
- State $7,875
- Federal $141,750
DEPARTMENT: Aviation

PROJECT: Taxiway “E”, “F”, “K” Pavement and Lighting Rehabilitation (Design)

DESCRIPTION: This project will include the design of the mill and overlay for Taxiways E, F, and K to replace deteriorating pavement. Also included in the project will be the design of an upgraded Medium Intensity Taxiway Lighting (MITL) system for all included taxiways and replacement of existing Airfield Guidance Signs and Constant Current Regulator (CCR) for each taxiway.

JUSTIFICATION: The existing taxiways included have exceeded their 20 year life expectancy and have degraded to a PCI value of poor. The current pavement condition included numerous cracks and locations of asphalt heaves. The existing lighting system has also exceeded its 20 year life expectancy and is in need of updated FAA approved lighting and electrical equipment.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $275,000

STATUS OF PLANS: Preliminary

SOURCE OF FUNDS: County $13,750
State: $13,750
Federal $247,500

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $13,750
State: $13,750
Federal $247,500
DEPARTMENT: Aviation

PROJECT: Maintenance Garage Updates and Sewer Connection for Maintenance Garage and Control Tower

DESCRIPTION: Connect to existing public water system and provide infrastructure to supply water to the Maintenance Garage Complex. Install a washroom/restroom and eye wash station in the Maintenance Garage Complex. Connect to existing public sewer system and provide sewer service to the Maintenance Garage Complex and Control Tower.

JUSTIFICATION: There is no water service to the Maintenance Garage Complex at the Airport. Consequently, there is no washroom/restroom or eye wash station in the Complex. Employees should have access to a restroom/washroom in the building where they work. Further, the employees are performing duties that may result in exposure to harmful fluids/chemicals, and the County should provide these employees with a washroom and eye washing station. Finally, the Control Tower at the Airport is serviced by a septic system that is over fifty years old. It is recommended that the septic system by abandoned and that the sewer service at the Tower be connected to the adjacent public sewer system.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $100,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $100,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of: County $100,000
Department: Engineering and Public Works

Project: County Highway Improvements

Description: Repaving and reconstruction of the County's highways.

Justification: Articles 5 and 6 of the New York State Highway Law.

Year Funding Requested: 2020

Estimated Cost: Breakdown:
- Engineering: $180,000
- Construction: $3,940,000
- Total: $4,120,000

Status of Plans: Preliminary

Source of Funds:
- County: $2,142,348
- State: $1,977,652

Prior Request: No

Funding Approved: Project approved in the amount of:
- County: $2,142,348
- State: $1,977,652
DEPARTMENT: Engineering and Public Works

PROJECT: Prefabricated Metal Building (Design)

DESCRIPTION: The project involves the design and construction of a 100 foot wide by 150 foot long pre-fabricated metal building on the Public Works property to store equipment and vehicles out of the weather. The facility will also house the highway department sign shop. This request is for the design phase of the building.

JUSTIFICATION: Records Management, located at 80 Kellar Avenue is proposing to expand the records storage area further into the vehicle storage area at the rear of the facility. During the winter months, County snow plows are stored in this facility with the remaining heavy equipment stored outdoors. With the loss of storage space, additional heated space is needed to provide storage for the snow plows as well as the County's other vehicles and equipment stored at the Public Works facility. The proposed building will provide storage for the County's heavy construction equipment and mowers which usually sit idle through the winter months. In addition, Emergency Management stores their emergency command center, hazmat truck, portable generators and variable message signs outside at our facility which could be placed inside as well. Storing this equipment under cover will extend its service life and provide an area to complete basic maintenance on equipment without tying up the existing maintenance shop. The sign shop is currently located in a 70+ year old block building and does not have adequate space. The building is in poor condition and requires upgrades to the heating and air conditioning system.

YEAR FUNDING REQUESTED: 2020 and 2021

ESTIMATED COST: 2020 - $ 100,000
2021 - $1,650,000

STATUS OF PLANS: Preliminary

SOURCE OF FUNDS: County $ 100,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $ 100,000
DEPARTMENT: Engineering and Public Works

PROJECT: Truck Wash Column Repair

DESCRIPTION: The project involves the replacement of four interior prefabricated steel columns. Due to the truck washing operations during the winter time, salt spray has deteriorated the base of four interior columns to the point where the repairs would cost more than the replacement. Four new columns will be installed and coated with galvanizing or other coating to protect the steel from deteriorating in the future.

JUSTIFICATION: The columns are severely deteriorated and need to be replaced as soon as possible. We are completing a temporary repair with County personnel; however, if the columns are not replaced, the facility will need to be closed until the column replacement can be completed. Truck washing is needed to minimize the detrimental effects of salt and winter weather on snowplow trucks. The truck wash facility is the most cost effective and environmentally sensitive practice in reducing and preventing corrosion on trucks and prolongs the life of winter maintenance equipment.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $ 125,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $ 125,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $ 125,000
DEPARTMENT: Engineering

PROJECT: Bramans Corners Road Bridge Joint Replacement

DESCRIPTION: Replace the bridge joints, clean bridge bearings and steel beams near the bridge abutments as well as perform concrete repairs to the bridge abutments.

JUSTIFICATION: The bridge joints on the Bramans Corners Road Bridge have failed allowing water and road salt to fall onto the steel beams and bearings below causing them to deteriorate. The joints will need to be replaced on both bridges, and the steel beams and bearings will need to be cleaned and painted near each abutment to reduce further deterioration. The bridge expansion is not working as designed, and steel bracing needs to be installed to allow the bridge to function properly. Small concrete repairs will also be completed during this project.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $225,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $225,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of: County $225,000
DEPARTMENT: Engineering

PROJECT: Gordon Road Bridge Joint Replacement

DESCRIPTION: Replace the bridge joints, clean bridge bearings and steel beams near the bridge abutments as well as perform concrete repairs to the bridge abutments.

JUSTIFICATION: The bridge joints on the Gordon Road Bridge have failed allowing water and road salt to fall onto the steel beams and bearings below causing them to deteriorate. The joints will need to be replaced on both bridges, and the steel beams and bearings will need to be cleaned and painted near each abutment to further reduce deterioration. Small concrete repairs will also need to be completed during this project.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $62,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $62,000

PRIOR REQUEST: No

M FUNDING APPROVED: Project approved in the amount of: County $62,000
DEPARTMENT: Engineering

PROJECT: County Bridge Repairs

DESCRIPTION: The project involves miscellaneous repairs of ten county bridges. Some of the work includes the replacement of the asphalt bridge deck overlay, concrete repairs, repair bridge railings, bridge approach paving and some erosion repairs.

JUSTIFICATION: The ten bridges to be repaired vary in age from 19 to 34 years old. The bridges are in need of minor repair including concrete repairs, replacement of asphalt bridge overlays, bridge railing repairs and some timber bridge repairs.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $225,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $225,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $225,000
DEPARTMENT: Facilities

PROJECT: Records Management Expansion

DESCRIPTION: Expansion of the existing Records Management storage area by approximately 2,000 square feet. The project would add an additional storage bay and require the construction of a new fire-rated partition, extension of HVAC and electrical systems, and the installation of new shelving. Approximately 7,000 additional cubic feet of file storage will be provided.

JUSTIFICATION: The existing records storage area is reaching capacity and additional storage is required for archiving County records.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $225,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $225,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $225,000
### 2020 - 2025 CAPITAL PROJECT REQUESTS

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<td>PROJECT:</td>
<td>Parking Lot Repaving – Various County Facilities</td>
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<tr>
<td>DESCRIPTION:</td>
<td>Second year of phased project to repair and re-pave several County parking lots, including expansion of the Sheriff's Substation lot.</td>
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<tr>
<td>JUSTIFICATION:</td>
<td>These County-owned parking lots require upkeep and preventative maintenance in order to extend their life. Additional spaces are required at the Sheriff's Substation.</td>
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DEPARTMENT: Facilities

PROJECT: Courthouse Condensate Drain Replacement

DESCRIPTION: Replacement of the existing air conditioning condensate drain system in the County Courthouse, which collects cold condensate from the perimeter fan coil units and discharges to the building main. New 1” insulated copper piping will be installed and connected to each of the 105 fan coil units on 4 floors of the Courthouse. Four new 1-1/2” insulated copper vertical risers will be installed and connected to the 1” branch lines on each floor.

JUSTIFICATION: The existing fan coil units and condensate drain system date to the early 1960's when alterations to the Courthouse were completed.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $270,000

STATUS OF PLANS: Preliminary

SOURCE OF FUNDS: County Courthouse Reserve Funds - $270,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of: County $270,000
DEPARTMENT: Sheriff

PROJECT: Relocation of Arrest Processing Area

DESCRIPTION: Relocation of the arrest processing area from the jail’s patrol room to the substation.

JUSTIFICATION: There are no safe, secure or efficient work stations at the jail site to perform the duties necessary to process arrests.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $ 20,600

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $ 20,600

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of: County $ 20,600
DEPARTMENT: Sheriff

PROJECT: Sheriff’s Substation Modifications

DESCRIPTION: Several interior and exterior improvements including new access control doors, reconfigured arrest processing area, enhanced security for the evidence room, conversion of a portion of the basement into the men’s and women’s locker rooms, security fencing around the parking lot, and construction of a 3-bay garage with attached dog kennel.

JUSTIFICATION: Building and parking upgrades are needed to enhance the operations of the Sheriff’s Substation.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $250,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $250,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $250,000
2020 - 2025 CAPITAL PROJECT REQUESTS

DEPARTMENT: Schenectady County Community College

PROJECT: Elston Hall Admissions and Welcome Center

DESCRIPTION: This project will convert the security desk in the newer Elston Hall lobby into a Welcome Center for potential students and visitors to receive information about the college. Behind the Welcome Center, space in the current Student Commons will be renovated for relocation of the College’s Admission Office. Relocation of this office will eliminate current barriers and streamline the admissions process to improve recruitment and retention.

JUSTIFICATION: This is the second phase of a multi-year phased project to improve student engagement, retention and services at the College. This critical piece will provide a more student-centered approach to student recruitment and retention.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $604,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS:

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PRIOR REQUEST: No

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DEPARTMENT: Schenectady County Community College

PROJECT: Stockade Building Classroom VCT Flooring Replacement

DESCRIPTION: Replacement of the current VCT flooring in the Stockade Building classrooms with new vinyl tiles.

JUSTIFICATION: The VCT flooring in the Stockade Building classrooms is dried out and the floor tiles are detaching from the concrete floor base.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $100,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS:
- County $50,000
- State $50,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
- County $50,000
- State $50,000
DEPARTMENT: Schenectady County Community College

PROJECT: Campus-Wide IT Infrastructure

DESCRIPTION: This project will replace aged IT infrastructure to include classroom projection equipment, teacher stations, campus-wide wireless access points and notebook computers.

JUSTIFICATION: Components of the current campus-wide technology infrastructure are outdated and have served their useful life. This project will provide critical equipment needed to maintain the expected teaching and learning environment for students.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $ 326,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $ 163,000
State $ 163,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $ 163,000
State $ 163,000
2020 - 2025 CAPITAL PROJECT REQUESTS

DEPARTMENT: Schenectady County Community College

PROJECT: Begley and Elston Hall Roof Replacements

DESCRIPTION: This project will replace and/or restore roof #26, 27, and 28 on the Begley Building and repair/replace roof #5 and 7 on the culinary wing of Elston Hall.

JUSTIFICATION: These roofs have been identified as a high priority for tear off and replacement or major restoration.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $ 475,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $ 237,500

STATE $ 237,500

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:

County $ 237,500

State $ 237,500
2020 - 2025 CAPITAL PROJECT REQUESTS

DEPARTMENT: Schenectady County Community College

PROJECT: Elston Hall Façade Phase II

DESCRIPTION: This project will affect high priority repairs to façade on the East and North wings of Elston Hall per an engineering report commissioned during 2018. This multiphase project recommends up to $1 million in repairs to the exterior of Elston Hall. This phase will include restoration work on the roof overhangs, cast stone, wood trim and metal railings.

JUSTIFICATION: In 2018, an engineering study was completed on the North and East exterior of the Elson Hall façade. Multiple issues were identified requiring approximately $1 million in work. This phase of the project is to correct and repair critical and high priority items that will delay further deterioration of the building and the correct potential safety concerns.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $250,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $125,000
State $125,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $125,000
State $125,000
DEPARTMENT: Schenectady County Community College

PROJECT: Sky Bridge Renovation (Design)

DESCRIPTION: Renovation of the SUNY Schenectady Pedestrian Sky Bridge to include replacement of the clear polycarbonate enclosure with modern transparent glazing products that block UV rays, replacement of the cracked and delaminating vinyl flooring tile, wall repairs and installation of new mechanical/ventilation systems. This request is for the design phase of the renovation.

JUSTIFICATION: The Pedestrian Sky Bridge is in need of a major renovation. Due to inadequate ventilation, temperatures exceed 120 degrees during the summer resulting in flooring/wall finishes to crack and deteriorate. The once transparent enclosure is now translucent, obstructing the exterior view from the pedestrian bridge. Renovation of the bridge is part of the campus’ multi-year facilities master plan.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $50,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $ 25,000  
                  State  $ 25,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:  
                   County $ 25,000  
                   State  $ 25,000
DEPARTMENT: Schenectady County Community College

PROJECT: Campus Emergency Generator

DESCRIPTION: Purchase and installation of an emergency generator to serve the main campus.

JUSTIFICATION: The College currently has no back up system in place to power life safety systems, computer servers and phones. A 2019 project relocated the existing power transformers out of the flood zone and provided wiring to connect an emergency generator.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $750,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $ 375,000
State $ 375,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $ 375,000
State $ 375,000
DEPARTMENT: Glendale Nursing Home

PROJECT: Flooring Replacement and Wall Protection

DESCRIPTION: Flooring replacement and installation of wall protection to refresh areas within the nursing facility.

JUSTIFICATION: Glendale’s flooring and walls need repair and maintenance as they are starting to show signs of wear and tear.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $25,000

STATUS OF PLANS: In Development

SOURCE OF FUNDS: County $ 25,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $ 25,000
2020 - 2025

CAPITAL EQUIPMENT REQUESTS
**2020 - 2025 CAPITAL EQUIPMENT REQUESTS**

**DEPARTMENT:** Aviation

**ADDITION OR REPLACEMENT:** Replacement

**DESCRIPTION:** John Deere 1575 Terrain Cut Commercial Front Mower

**JUSTIFICATION:** This unit will replace unit #3712, a 27 year old front mower that requires constant maintenance and repair. The current mower is at the end of its service life and replacement parts are hard to get. Unit #3172 will go to auction.

**YEAR FUNDING REQUESTED:** 2020

**ESTIMATED COST:** $35,000

**SOURCE OF FUNDS:**

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>$35,000</td>
</tr>
</tbody>
</table>

**PRIOR REQUEST:** No

**FUNDING APPROVED:** Project approved in the amount of:

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>$35,000</td>
</tr>
</tbody>
</table>
DEPARTMENT: Aviation

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: (4) Four ICOM A-120 Airband Mobile Radios with 200 Channels and open UFD; 8.33/25 KHZ.

JUSTIFICATION: Replaces outdated radio equipment that is unreliable.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $3,500

SOURCE OF FUNDS: County $3,500

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $3,500
DEPARTMENT: Engineering and Public Works

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Truck Mounted Street Sweeper with Dual Side Booms and a 2-way radio

JUSTIFICATION: This unit will replace #1258, a 2005 Sterling SC800 Elgin Eagle truck mounted street sweeper with dual side brooms and an estimated 48,500 miles and over 3,000 hours at the time of replacement. This unit was partially refurbished in 2016. The debris body and intake system has deteriorated enough to make it too costly to repair. Unit #1258 will go to auction.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $280,000

SOURCE OF FUNDS: County $280,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $280,000
DEPARTMENT: Engineering and Public Works

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Altex LR7-60 Aerial Boom Truck with dump body mounted on an International chassis HV607 with a new 2-way radio

JUSTIFICATION: This unit will replace unit #1038, a 2002 International 2300 Boom Truck with an estimated 94,000 miles at the time of replacement. Unit #1038 was refurbished in 2015 and is starting to have mechanical problems on a regular basis along with out-riggers that are starting to rust. Unit #1038 will go to auction.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $ 148,000

SOURCE OF FUNDS: County $ 148,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of: County $ 148,000
2020 - 2025 CAPITAL EQUIPMENT REQUESTS

DEPARTMENT: Engineering and Public Works

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Tandem Axle Dump Truck with Snow and Ice equipment, auto chains, AVL and 2-way radio

JUSTIFICATION: This will replace #1137, a 2005 International dump truck with an estimated 70,000 miles. Unit #1137 is 14 years old and was refurbished in 2011 with no working 4-wheel drive. Unit #1137 will go to auction.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $220,000

SOURCE OF FUNDS: County $220,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $220,000
DEPARTMENT: Engineering and Public Works

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: 2020 Model HV513 6x6 Dump Truck with Snow and Ice Equipment, auto chains, AVL, and a 2 way radio

JUSTIFICATION: This unit will replace unit #1144, a 2007 Paystar 5000 6x6 tandem axle dump truck with an estimated 117,000 miles. Unit #1144 will become a spare.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $ 280,000

SOURCE OF FUNDS: County $ 280,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $ 280,000
2020 - 2025 CAPITAL EQUIPMENT REQUESTS

DEPARTMENT: Engineering and Public Works

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: 2020 Medium Duty Truck with Utility Body equipped with an on board generator, compressor, 12/24 volt car start and crane

JUSTIFICATION: This unit will replace unit #1012, a 1999 Ford with utility body. Unit #1012 has an estimated 59,000 miles at the time of replacement. Unit #1012 has become too costly for repairs and body is showing severe deterioration. Unit #1012 will go to auction.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $175,000

SOURCE OF FUNDS: County $175,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $175,000
DEPARTMENT: Engineering and Public Works

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: One Ton Crew Truck with a rack body and tool box

JUSTIFICATION: This will replace Unit #1311, a 2001 Ford F550 crew cab rack truck with an estimated 99,000 miles at the time of replacement. Unit #1311 will go to auction.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $ 65,000

SOURCE OF FUNDS: County $ 65,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $ 65,000
DEPARTMENT: Engineering and Public Works

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: International 4300 Crew Cab Dump Truck with tool box, 1900 lb. crane and new 2-way radio

JUSTIFICATION: This unit will replace #1047, a 2010 International 4300 crew cab dump truck with an estimated 130,000 miles at the time of replacement. Unit #1047 will go to auction.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $120,000

SOURCE OF FUNDS: County $120,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $120,000
DEPARTMENT: Engineering and Public Works

ADDITION OR REPLACEMENT: Addition

DESCRIPTION: E45t4 Bobcat Compact Excavator with attachment mounting system and tow behind trailer

JUSTIFICATION: This unit will be used for miscellaneous digging, culvert and water drainage work.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $65,000

SOURCE OF FUNDS: County $ 65,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $ 65,000
DEPARTMENT: Engineering and Public Works

ADDITION OR REPLACEMENT: Refurbish Equipment

DESCRIPTION: Vehicle and Equipment Refurbishment

JUSTIFICATION: To extend the life of the following units by a maximum of 5 years: #1049 – 2011 International medium duty crew truck with 113,570 miles; #1046 – 2013 International medium duty crew truck with 94,000 miles; #1245 – 1999 John Deere backhoe with 3,360 hours; #1211 – 1989 D-4 Bulldozer with 2,793 hours; #1265 – 202 Dynopac roller with 501 hours; #5026 – 2005 GAC 10,000 lb trailer; plows, plow frames, wings and frames.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $80,000

SOURCE OF FUNDS: County $80,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $ 80,000
**2020 - 2025 CAPITAL EQUIPMENT REQUESTS**

**DEPARTMENT:** Engineering and Public Works

**ADDITION OR REPLACEMENT:** Replacement

**DESCRIPTION:** Vehicle Fleet Replacement

**JUSTIFICATION:** The Department of Engineering and Public Works manages the County fleet and recommends when replacement of vehicles is necessary. The County’s fleet is managed as one large pool of vehicles. This year’s recommended fleet replacement program calls for the replacement of twelve vehicles.

**YEAR FUNDING REQUESTED:** 2020

**ESTIMATED COST:** $ 430,236

**SOURCE OF FUNDS:**
- County $ 410,809
- State $ 19,427

**PRIOR REQUEST:** No

**FUNDING APPROVED:** Project approved in the amount of:
- County $ 410,809
- State $ 19,427
# 2020 - 2025 Capital Equipment Requests

<table>
<thead>
<tr>
<th>Department:</th>
<th>Glendale Nursing Home</th>
</tr>
</thead>
<tbody>
<tr>
<td>Addition or Replacement:</td>
<td>Replacement/Addition</td>
</tr>
<tr>
<td>Description:</td>
<td>The purchase of (20) 18” wide wheelchairs, (2) 18” reclining wheelchairs and (2) 20” reclining wheelchairs</td>
</tr>
<tr>
<td>Justification:</td>
<td>Wheelchairs have broken over years of use and are in need of replacement.</td>
</tr>
<tr>
<td>Year Funding Requested:</td>
<td>2020</td>
</tr>
<tr>
<td>Estimated Cost:</td>
<td>$8,882</td>
</tr>
<tr>
<td>Source of Funds:</td>
<td>County $8,882</td>
</tr>
<tr>
<td>Prior Request:</td>
<td>No</td>
</tr>
<tr>
<td>Funding Approved:</td>
<td>Project approved in the amount of: County $8,882</td>
</tr>
</tbody>
</table>
DEPARTMENT: Glendale Nursing Home

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Resident Lifts

JUSTIFICATION: The purchase of five resident lifts is needed to help staff in caring for residents and preventing staff injuries.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $7,000

SOURCE OF FUNDS: County $7,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $7,000
DEPARTMENT: Glendale Nursing Home

ADDITION OR REPLACEMENT: Addition

DESCRIPTION: Resident Food Service Carts – 5 tray carts and 1 service and beverage cart

JUSTIFICATION: The facility is currently using old carts from the former building and all sides and bottom are open, creating spills on the carpets. Having enclosed carts will prevent spills to the carpet. The service and beverage cart will offer room service continental breakfast for the rehab household.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $12,740

SOURCE OF FUNDS: County $12,740

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $12,740
DEPARTMENT: Glendale Nursing Home

ADDITION OR REPLACEMENT: Addition

DESCRIPTION: Dining Room Storage

JUSTIFICATION: The facility is currently using old laundry hampers that were previously used and repurposed. This request would purchase four drawer chests to place in the dining rooms for storage of resident clothing protectors.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $ 2,850

SOURCE OF FUNDS: County $ 2,850

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $ 2,850
DEPARTMENT: Glendale Nursing Home

ADDITION OR REPLACEMENT: Addition

DESCRIPTION: Tennant 1510 Battery Auto Carpet Extractor

JUSTIFICATION: This piece of equipment would clean carpets in the dining rooms, great rooms, corridors, offices and conference rooms.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $ 7,960

SOURCE OF FUNDS: County $7,960

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of: County $7,960
DEPARTMENT: Glendale Nursing Home

ADDITION OR REPLACEMENT: Addition

DESCRIPTION: Pro Team Flex Pro Backpack Vacuum

JUSTIFICATION: This piece of equipment would clean vents, smoke detectors, ledges and edges.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $1,125

SOURCE OF FUNDS: County $1,125

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $1,125
DEPARTMENT: Glendale Nursing Home

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Computer, Laptop and Printer Replacement

JUSTIFICATION: Glendale’s desktop computers and laptops need to be upgraded to Windows 10 and Windows 7 will no longer be supported in 2020. Microsoft will not create security updates for Windows 7 operating systems. These updates are required to keep the systems up to date and protected against any malicious cyber-attack. Additional replacement laptops and printers are also needed.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $25,050

SOURCE OF FUNDS: County $25,050

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $25,050
DEPARTMENT: Information Technology

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Desktop Computer Replacement

JUSTIFICATION: The replacement of aging desktop computers must continue so machines are compatible with Windows 10.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $40,770

SOURCE OF FUNDS: County $40,770

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $40,770
2020 - 2025 CAPITAL EQUIPMENT REQUESTS

DEPARTMENT: Information Technology

ADDITION OR REPLACEMENT: Addition

DESCRIPTION: Core Switches

JUSTIFICATION: The two Core switches that route all County data traffic are at the end of their support life in 2020. This would replace them both and add a third to allow one to take over for another in the event of a failure.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $60,000

SOURCE OF FUNDS: County $ 60,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $60,000
2020 - 2025 CAPITAL EQUIPMENT REQUESTS

DEPARTMENT: Information Technology

ADDITION OR REPLACEMENT: Addition

DESCRIPTION: Data Storage Investment

JUSTIFICATION: The purchase of a production storage unit will increase our backup speeds, provide increased storage and faster performance response times in the event of a disaster. The current production unit will be moved to the Disaster Recovery Center.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $95,000

SOURCE OF FUNDS: County $ 95,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of: County $95,000
2020 - 2025 CAPITAL EQUIPMENT REQUESTS

DEPARTMENT: Information Technology

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Perimeter Protection – Firewalls and Switches

JUSTIFICATION: The replacement of existing external perimeter circuits into one unified circuit system with enhanced cyber security features and one management interface will provide enhanced anti-virus scanning and protection across our County IT network.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $50,000

SOURCE OF FUNDS: County $50,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $50,000
DEPARTMENT: Information Technology

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Microsoft Office Standard 2019

JUSTIFICATION: Microsoft Office 2010 is nearing end of life and will become unsupported in 2020. This request provides for the purchase of 700 new licenses to operate Microsoft Office programs through Microsoft Office Standard 2019.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $182,000

SOURCE OF FUNDS: County $182,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $182,000
DEPARTMENT: Sheriff

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Portable Radios and Communication Recorders

JUSTIFICATION: The portable radios being used in the Correctional Facility are reaching the end of their useful life. The purchase of these radios will make the communication system in the facility digital. The purchase of portable radio communication recorders will allow the Sheriff's Office to record the facility portable radio communications. The recording of radio transmissions is vital to operations and will limit the liability of the County when emergencies arise.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $126,894

SOURCE OF FUNDS: County $126,894

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $126,894
DEPARTMENT: Sheriff

ADDITION OR REPLACEMENT: Addition

DESCRIPTION: Full Body Security Scanning System

JUSTIFICATION: The Full Body Scanner is necessary to maintain the safety of inmates and officers at the Correctional Facility by scanning inmates entering the building to identify the presence of contraband materials.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $121,101

SOURCE OF FUNDS: County $121,101

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of: County $121,101
DEPARTMENT: Sheriff

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Replacement of Various Kitchen Equipment

JUSTIFICATION: The conveyor toaster, two gas fryers, three hot food wells, a food pan warmer, and the replacement of the cooler door are all needed to continue to serve meals and operate the kitchen safely in the Correctional Facility.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $25,644

SOURCE OF FUNDS: County $25,644

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $25,644
2020 - 2025 CAPITAL EQUIPMENT REQUESTS

DEPARTMENT: Schenectady County Public Library

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Replacement of Library Furniture

JUSTIFICATION: Much of the furniture in use at the library ranges in age from 30-50 years old. Replacement is recommended at this time.

YEAR FUNDING REQUESTED: 2020

ESTIMATED COST: $100,000

SOURCE OF FUNDS: County $100,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of:
County $100,000
DEPARTMENT: Schenectady County Public Library

ADDITION OR REPLACEMENT: Replacement

DESCRIPTION: Replacement of Bibliotecha System

JUSTIFICATION: Replacement of the self-checkout kiosks and RFID system at the Hon. Karen B. Johnson Public Library, Bornt Branch Library and Niskayuna Branch Library. The replacement of the system is necessary due to the Windows operating system no longer being supported.

YEAR FUNDING REQUESTED: 2020 - $145,000 2021 - $175,000

ESTIMATED COST: $145,000

SOURCE OF FUNDS: County $145,000

PRIOR REQUEST: No

FUNDING APPROVED: Project approved in the amount of: County $145,000