



COMMONWEALTH of VIRGINIA

HAROLD W. CLARKE
DIRECTOR

Department of Corrections

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July 1, 2022

The Honorable Janet D. Howell, Chair
Senate Finance and Appropriations Committee
Pocahontas Building, Room E509
900 East Main Street
Richmond, Virginia 23219

The Honorable Barry D. Knight, Chair
House Appropriations Committee
Pocahontas Building
900 E. Main Street
Richmond, Virginia 23219

Mr. Michael Maul, Director
Department of Planning & Budget
1111 East Broad Street, Room 5040
Richmond, Virginia 23219

Dear Senator Howell, Delegate Knight, and Director Maul:

Chapter 1289, Item C-55, of the 2020 Virginia Acts of Assembly states, "The Department [of Corrections] shall submit a report on the use of [the DOC Capital Infrastructure Fund] including: i) the facilities in which the funds were spent; ii) a description of each project; and iii) the total amount spent for each project. The report shall be submitted to the Department of Planning and Budget and the Chairs of the House Appropriations Committee and the Senate Finance Committee by July 15 of each year."

Please find attached the annual report showing the use of the Capital Infrastructure Fund by location, project type, and amounts contracted or obligated to date.

Sincerely,

A handwritten signature in black ink, appearing to read "H.W. Clarke".
Harold W. Clarke
Director



**CAPITAL INFRASTRUCTURE FUND
Annual Report
July 2022**

Fiscal Year 2021

| Project Number | Project Name | Description | CIF Contracted / Obligated |
|----------------|---|--|----------------------------|
| | | Initial CIF Appropriation FY2021 | \$15,000,000 |
| 18480-001 | Sussex I Emergency Door Sliders | In October 2019, an emergency declaration was issued related to Sussex I and II (SI & SII) State Prisons' sliding door control systems due to multiple system failures and malfunctions, creating life safety issues. The 23-year-old SI and SII door access control systems operate all 982 cell doors, controlled passage doors, and egress doors. The pneumatic distribution systems remain in constant failure due to leaks and cannot operate the door systems consistently and reliably, creating a situation where the systems provide only enough air to operate a few doors at a time. Doors may not open or close as expected. This can create a serious problem in the event of emergencies. A second issue is malfunctioning cell door sliders. The existing doors can be compromised and indicate doors as being secure in the control room when they may not be. Correcting this situation requires every door to be removed, modified, and replaced. This project replaces the system with new, modern access controls. | (\$6,555,188) |
| 18480-002 | Marion Bundled Renovation | The Marion Correctional Treatment Center was constructed in 1957 and serves as the Commonwealth's only certified facility for mentally-ill inmates. Over time, major systems have deteriorated requiring repairs and / or replacement. The security / detention doors, frames, locks, and window glazing are in poor condition. The ventilation system, fire alarms, and electrical systems are in need of repair and replacement. This project includes the repair or replacement of all major systems: security control panels, 271 doors and locks, 539 security windows, air conditioning / replace HVAC units, electrical distribution (includes generator) upgrade / replacement, roof repairs, fiber optic distribution system, fire alarms, CCTV system, and sally port entry. This project will enhance security, install air conditioning, and substantially extend the useful life of the facility while meeting all current DOC operating requirements. CIF funding has been allocated and the project is under signed contract. | (\$6,600,000) |
| 18480-003 | Red Onion State Prison: Door Controls - (multiple phases) | In March 2020, an emergency declaration was issued related to the Red Onion State Prison's sliding door control system due to a life safety issue. The 25-year-old access control system operates approximately 500 to 600 sliding and egress doors at the Commonwealth's only Level 6 facility. The system has reached the end of its useful life, the technology is outdated, and the ability to get replacement parts is becoming increasingly difficult. Staff have to resort to manual release or keyed opening of cell doors and which compromises security and increases the risk of incident. These phases are part of a multi-phased project that replaces the system with new, modern access controls. CIF funding has been allocated and the project is under signed contract. | (\$1,722,462) |
| 18480-004 | Sussex I State Prison: Sewer Improvements - Auger monster (design only) | Solids and debris in the sanitary sewer line can damage pumps and equipment resulting in emergency outages and costly repairs. An auger monster is a mechanical device that removes solids and debris from the wastewater stream before it leaves the facility. It reduces the risk of overflows and emergencies at the pump station and outages. This project includes the survey, evaluation, and design of the auger monster and includes preparation of construction plans and technical specifications. CIF funding has been allocated and the project is under signed contract. | (\$122,350) |
| | | CIF Balance end of FY21 | \$0 |



Fiscal Year 2022

| Project Number | Project Name | Description | CIF Contracted / Obligated |
|--------------------------------|---|---|----------------------------|
| | | Initial CIF Appropriation FY2022 | \$15,000,000 |
| 18480-004 | Sussex I Sewer Improvements - Auger monster (Construction) | This project begins the construction phase of the Sussex Auger monster project. The design is currently under review by DEB. The project will be bid in the coming months once DEB approvals have been obtained. | (\$505,300) |
| 18480-005 | Lawrenceville Emergency Replace Doors and Controls 1st Housing Unit | This project will replace the Security Controls Systems, Intercom Head-in Equipment and replace all the Cell and Circulation Detention Doors at Lawrenceville starting with one housing unit. The existing control system is obsolete and replacement components are nearly non-existent on primary and secondary markets as the manufacturer is no longer in business. The existing intercom system is inoperable. The intercoms are a necessary part of the building security, allowing communications from the inmate areas to the control room in the event of an emergency or illness. PREA guidelines also require a means of communication between the inmate and the control room operator. Swing doors have been compromised. Sliding security doors will replace the existing swing doors. | (\$2,336,690) |
| 18480-006 | Nottoway WWTP Upgrade | The DOC treats waste from Piedmont Geriatric Hospital and the VA Center for Behavioral Rehabilitation (VCBR). VCBR is currently expanding its facility which requires the upgrade of the Nottoway wastewater treatment plant (WWTP). The upgrade of the existing WWTP includes influent headworks, flow equalization, pump stations, sequencing batch reactor (SBR), ultraviolet disinfection, and sludge dewatering. | (\$6,404,950) |
| 18480-007 | Red Onion Water Line Replacement Phases 3, 4, 5 | Red Onion State Prison is the Commonwealth's only Level 6 correctional facility. The quality of the municipality-provided water has deteriorated the entire domestic water system. Red Onion was constructed in 1996 and the water system is original. Pipes, valves and equipment are failing at an alarming rate. There are 12 mechanical rooms that serve housing, programs, administration and support structures. The mineral buildup and water velocity have either completely seized valves making them inoperable or disintegrated the piping. Pipe at the point of use is almost completely blocked due to the significant mineral buildup. Due to the poor quality of water, associated equipment is also no longer repairable. Five of 12 mechanical rooms have valves that have completely seized and no longer functional. Recent repairs have required the facility to be limited with water and have threatened the evacuation of the facility. The DOC has no other option than to replace the entire water system and equipment as well as provide a treatment system. | (\$4,771,000) |
| TBD | Lawrenceville Fire Alarm Replacements | The project will include the replacement of the facility's local and central fire alarm panels and ancillary reporting systems. Replacements will include smoke detectors, deficient pull stations, wiring repairs as needed from the post indicator valves (PIV's) that monitor sprinkler water pressure to the buildings, sprinkler zone reporting, etc., and will also include new fiber backbone where needed throughout the facility for this system. In addition, this work will include inspections of each facility's fire dampers. This work will include construction modifications necessary to access all fire dampers, as well as making necessary repairs or replacement to assure their proper functioning and operation. | (\$982,060) |
| CIF Balance end of FY22 | | | \$0 |