

Corrections

Projects Summary

(\$ in thousands)

Project Title	Priority Ranking	Funding Source	Project Requests for State Funds		
			2018	2020	2022
Asset Preservation	1	GO	\$ 40,000	\$ 40,000	\$ 40,000
Lino Lakes Building E Renovation	2	GO	\$ 5,000	\$ 0	\$ 0
Willow River Expansion for Challenge Incarceration Program	3	GO	\$ 1,500	\$ 0	\$ 0
Saint Cloud Plumbing and Ventilation Upgrades	4	GO	\$ 15,400	\$ 0	\$ 0
Saint Cloud Interior Perimeter Fence Phase 2	5	GO	\$ 3,000	\$ 0	\$ 0
Saint Cloud Perimeter Wall Repair - Phase 1	6	GO	\$ 4,500	\$ 4,700	\$ 5,300
Moose Lake Control Room Renovation	7	GO	\$ 1,950	\$ 0	\$ 0
Shakopee Emergency Generator Upgrade	8	GO	\$ 2,800	\$ 0	\$ 0
Rush City Security Electronics Building Automation Upgrade	9	GO	\$ 5,200	\$ 0	\$ 0
Stillwater Install Fire Suppression in Living Units	10	GO	\$ 2,600	\$ 0	\$ 0
St. Cloud Install Fire Suppression in Living Units	11	GO	\$ 1,700	\$ 0	\$ 0
Total Project Requests			\$ 83,650	\$ 44,700	\$ 45,300
General Obligation Bonds (GO) Total			\$ 83,650	\$ 44,700	\$ 45,300

Asset Preservation

AT A GLANCE

2018 Request Amount: \$40,000

Priority Ranking: 1

Project Summary: \$40 million in State funds is requested for Asset Preservation. This project request funds repair, replacement, and renewal needs specific to Minnesota’s prisons. These needs represent a system-wide assessment of the facility deficiencies.

Project Description

This project request funds the repair, replacement, and renewal needs specific to Minnesota’s prisons. These needs represent a system-wide assessment of the facility deficiencies, including, but not limited to:

- Safety hazards and code compliance issues
- Emergency power/egress lighting upgrades (life safety)
- Preservation of building exteriors and interiors
- Perimeter security systems replacement/upgrades
- Tuck pointing
- Roof replacement
- Window and door replacement
- Elevator repairs/upgrades/replacements
- Road and parking lot maintenance
- Major mechanical and electrical (M&E) system repairs, replacements, upgrades and/or improvements, including the replacement of boilers and upgrade of M&E infrastructure
- Abatement of hazardous materials (e.g., asbestos containing pipe insulation, floor and ceiling tile, lead paint)

Staff at each Department of Corrections (DOC) facility is responsible for maintaining a list of projects needed to preserve their capital assets. These perpetual and ever changing lists are comprised of projects directly related to asset preservation or deferred maintenance and renewal. The asset preservation requests must support the future needs of the prison. A list outlining many of the prison asset preservation projects is also available.

Project Rationale

In recent years asset preservation requests have become a basic component of the capital budget process. The key objective of asset preservation is to help reduce the amount of deferred maintenance and deferred renewal referred to as the “capital iceberg.” These projects require completion so deficiencies can be properly addressed and repairs made to maintain state prisons. Funding these requests will reduce future capital requests and will result in overall security, safety, and operating efficiencies.

Project Timeline

At the time of appropriation multiple projects will be initiated and each project will have varying schedules for completion,

Other Considerations

The continued funding at the requested level for several bienniums will enable the department to make a significant impact on the system's deferred maintenance backlog. Funding this request will enable the DOC to continue efforts to reduce the level of deferred maintenance at Minnesota's prisons. The maintenance of physical plants is imperative to the safety of Minnesota citizens, DOC staff, and the incarcerated individuals who occupy DOC facilities.

The current backlog of critical Asset Preservation projects identified by the department exceeds \$180M.

Based on the current 2016 Facility Condition Index Rating Scoreboard, of the 314 buildings DOC manages, 59 buildings fall into the poor or critical category. \$448M has been identified for deferred maintenance costs for all DOC buildings department wide.

Impact on Agency Operating Budgets

None

Description of Previous Appropriations

2012 Asset Preservation Appropriation - \$5 million

2014 Asset Preservation Appropriation - \$5.5 million

2016 Asset Preservation Appropriation - \$0

2017 Asset Preservation Appropriation - \$20 million

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Lino Lakes Building E Renovation

AT A GLANCE

2018 Request Amount: \$5,000

Priority Ranking: 2

Project Summary: \$5 million is being requested for the conversion of the existing E Building, which is currently vacant, into an offender living unit in order to address a critical need for an increase in bed space for adult male offenders. The building requires significant renovation to remove hazardous materials, comply with current building codes, and construct functional living space.

Project Description

The E-Building at MCF-Lino Lakes once housed the Health Services Unit. Since Health Services was expanded and relocated to renovated spaces within the existing B-Building in 2008, the 8,500 SF E-Building has been vacant. The building is of sufficient size to provide valuable space to increase offender housing and required support services.

The E-Building is structurally sound, but requires significant renovation to eliminate hazardous materials, bring it into compliance with current codes, and provide the spaces necessary to support 60 offender beds. In addition to complete demolition of interior systems and finishes to abate hazardous materials, the building will require upgrades to weatherproof and insulate the exterior walls, replace the exterior windows, and complete replacement of the mechanical and electrical systems. A new roof was recently installed and will not need replacement.

Project Rationale

We are proposing to convert the currently unoccupied building into an offender living unit in order to address a critical need for an increase in bed space for adult male offenders.

Project Timeline

Sep 2018 - Jun 2019 Design

Jun 2019 - Dec 2020 Construction

Mar 2020 Mid Point of Construction

Other Considerations

No other considerations apply.

Impact on Agency Operating Budgets

Compensation for Program and Building Operation: FY 2020-21 and each following biennium: \$2.2 million

Building Operating Expense (includes electric, gas and sewer): FY 20-21 and each following biennium: \$147,000

Description of Previous Appropriations

None received.

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Willow River Expansion for Challenge Incarceration Program

AT A GLANCE

2018 Request Amount: \$1,500

Priority Ranking: 3

Project Summary: \$1.5 million in state funds is requested to design, construct, furnish and equip new and existing buildings for the Department of Corrections located at the MCF-Willow River Challenge Incarceration Program (CIP), increasing program capacity by 45 beds.

Project Description

The project consists of relocating the current weight room and remodeling the space into a barracks area that will house up to 45 CIP participants. The new barracks area of approximately 2,000 sq. ft. will include 23 bunkbeds, 8 showers, 4 toilets and a mudroom. Mechanical work will include plumbing, fire protection, heating and air ventilation. Electrical work will include lighting, power, fire alarm, and a low voltage system that supports the security system design (camera, recording, life safety).

This project also includes the construction of a new program building for chemical dependency treatment of approximately 4,000 sq. ft. The building will have five classrooms (550 sq. ft. each), three staff offices (100 sq. ft. each), 2 restrooms (70 sq. ft. each), a mechanical room (200 sq. ft.), a central hallway and a mezzanine area. The building will be: single-story, stick built, asphalt shingles, clad siding, and on a concrete slab grade floor.

Project Rationale

This project will increase the CIP offender population, which will create a bed reduction in correctional facilities and cost avoidance to taxpayers. This will partially address the critical need for an increase in bed space for adult male offenders.

Project Timeline

- Jul 2018 - Oct 2018 Design
- Nov 2018 - Aug 2019 Construction
- Mar 2019 Mid Point of Construction

Other Considerations

None.

Impact on Agency Operating Budgets

An expansion of the CIP to accommodate an additional 45 offenders will require 18 additional FTEs to provide chemical dependency treatment, medical services, release planning services, program supervision and facility operations. Five additional FTEs will also be needed to manage offender supervision caseloads during Phase 2 of the CIP. Annual costs will be \$2.063 million, including \$1.593 million for salaries and \$470,000 for non-salary expenses when fully implemented. FY 2020-21: \$3.325 million assuming an effective date of 01/01/2020. FY 22-23: \$4.526 million for 23 FTEs

and non-salary operating costs.

Description of Previous Appropriations

None.

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Saint Cloud Plumbing and Ventilation Upgrades

AT A GLANCE

2018 Request Amount: \$15,400

Priority Ranking: 4

Project Summary: \$15.4 million in State funds is requested to upgrade plumbing and ventilation systems located at MCF St. Cloud in Living Units A, B and C. These upgrades are required to replace deteriorated plumbing systems and to improve existing ventilation systems to meet current code compliance requirements and to fund city water and sewer infrastructure upgrades.

Project Description

This project involves the replacement of plumbing fixtures inside 394 cells located in Living Units A, B and C. This project replaces the domestic water piping and sewer piping serving all the cell located in all piping chases.

Replacement and installation of new ventilation and exhaust systems in order to properly ventilate each cell as required by code.

Upgrades to city water and sewer infrastructure serving the facility.

Project Rationale

The three largest living units at MCF St Cloud (A, B, and C) are experiencing a deterioration of the existing plumbing and ventilation system. These living units were constructed prior to 1910 and originally had no plumbing and limited ventilation. The majority of the plumbing fixtures and nearly all of the piping were installed at some point in the 1950s. Living units A and C each contain 136 cells and Living unit B contains 130 cells.

In many places within the three plumbing chases, the existing piping has been patched multiple times and there are still small leaks happening. Additionally there are limited isolation valves available within the plumbing chases for isolation of fixtures for repairs. In many places, the fixture carriers for the wall hung toilets have caused damage to the brick wall at the back of cells requiring masonry repairs.

At some point in past, the limited exhaust within the cells was mostly demolished. All that remains are the exhaust grilles in each cell, the openings in the top of the plumbing chase, and non-functional exhaust fans within the attic.

This plumbing system is at the end of life and requires extensive repair/replacement to ensure that this facility can continue to operate for years to come. The existing exhaust system is non-functional and needs to be replaced to get the space up to code and improve the indoor air quality.

Failure to address the plumbing and ventilations needs for these living units has the potential to lead to Health Safety issues within the units. A major failure of the plumbing, sewer or ventilation systems could render the unit inhabitable resulting in the need to re-locate 180 offenders per unit.

Project Timeline

11/2018 Construction Start

7/2019 Midpoint of Construction
2/2020 Construction End

Other Considerations

Design for Plumbing and Ventilation upgrades has been completed allowing this project to move quickly into construction bidding and administration.

In addition to the plumbing and ventilation upgrades this project also address numerous code violations as described below:

Inadequate access to equipment in the attic: While the existing exhaust equipment within the attic is non-functional, any new equipment placed there will require code compliant access to ensure maintenance is done. This requires that the platform and railing from the attic access door be extended to any equipment within the attic. Additionally there are no lights beyond the platform at the attic entrance.

Inadequate exhaust within each cell: Per the current edition of the Minnesota Mechanical Code each cell at a correctional facility with a toilet is required to be exhausted at a minimum of 50 CFM. Because the current exhaust systems are non-functional, none of the cells have any appreciable exhaust.

Electrical Panel board Access: Currently the electrical panel boards within the plumbing chases do not have the code required clearances. Per code you are required to have 36" of open space in front of a panel and have no water piping running above a panel.

Hazardous Materials: Originally the plumbing piping within the plumbing chases was insulated with asbestos insulation. As some point in the past, this insulation was remediated and new fiberglass insulation was installed. However, the remediation was not complete. A lot of asbestos fibers have fallen to the dirt floor at the bottom of the plumbing chase. This happened as part of the original installation, during the later remediation, and from just normal wear and tear on the insulation in an active pipe chase.

Building Fire Separation: In the lower level of the Administration Building large openings were cut through the wall into a small room beneath each of the three living units. Unfortunately this wall is treated like a fire rated building separation. These openings in this rated building separation are not properly protected and need to be corrected.

Impact on Agency Operating Budgets

None

Description of Previous Appropriations

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Saint Cloud Interior Perimeter Fence Phase 2

AT A GLANCE

2018 Request Amount: \$3,000

Priority Ranking: 5

Project Summary: \$3 million in State funds is requested to complete phase 2 of the installation of an interior perimeter fence inside the granite walls of the MCF/St. Cloud facility. The completion of the new perimeter fence will provide the latest in technology for perimeter security and eliminate the reliance of the granite walls as the first line of defense for the safety of the facility and public.

Project Description

This project will install the second of two interior fences circling the inside of the existing granite walls to provide a new secure perimeter. The appropriate lighting, cameras and fence detection systems will also be installed to complete the project.

Project Rationale

In 2013 a design was completed for the installation of a double 12' fence running parallel circling the yard just inside the granite walls. This fence was designed to act as the primary secure perimeter for the facility.

At the time of bidding for the construction of the new fence funding limitations allowed only a portion of the project to be completed which included the first of two fences and all associated civil work required to prepare for future installation of the second fence. This phase will complete this project by installing the second fence and all electronic security systems associated with it.

Completing the interior perimeter fence will allow the primary secure perimeter to shift from the granite walls to the new fence taking the pressure off the granite walls as first line of defense while the Department of Corrections continues to seek funding for tuck pointing of the walls.

Project Timeline

Jul 2018 - Jan 2019	Finalize design and Bidding
Apr 2019 - Nov 2019	Construction
Aug 2019	Mid Point of Construction

Other Considerations

The existing granite walls are old technology when it comes to providing a secure perimeter in correctional facilities. The granite walls are in critical need of tuck pointing and several bonding requests have failed to provide funding to maintain the granite walls.

The new interior perimeter fence will provide 24/7/365 surveillance with state of the art technology in providing a secure perimeter resulting in a safer Minnesota.

Impact on Agency Operating Budgets

None

Description of Previous Appropriations

None

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Saint Cloud Perimeter Wall Repair - Phase 1

AT A GLANCE

2018 Request Amount: \$4,500

Priority Ranking: 6

Project Summary: \$13.2 million in state funds is requested to repair and restore the one mile long perimeter wall at MCF Saint Cloud. The granite perimeter wall allows MCF-St. Cloud staff to contain and monitor the offenders in a safe and secure manner. The wall's integrity is vital in performing the daily operations to ensure the security of the complex.

Project Description

The approximately one mile long, massive granite wall surrounding MCF-St. Cloud was constructed in 1922 utilizing locally quarried granite held together with mortar and is currently listed on National Register of Historic Places. The wall's preservation is being threatened with extensive deterioration. The surface area of the wall (both sides) encompasses over 200,000 square feet. The wall has an above ground height of approximately 22 feet, is four feet wide at the base and three feet at the top. For a comparison in square footage, the surface area is equivalent to the first 9 stories of the Wells Fargo Center in downtown Minneapolis. The aging mortar (material between the stones) has succumbed to time and is in need of repair. Approximately 70% of the exposed mortar (approximately 400,000 lineal feet or 76 miles) is deteriorated which compromises the weather resistance of the wall and the integrity of the underlying bedding mortar as well as the wall's ability to resist intrusion and escape.

To maintain the perimeter wall's integrity, masonry pointing should be undertaken which includes removal of deteriorated mortar with replacement mortar. Replacement mortar should match the original mortar design. Repair techniques should be conducted in accordance with the U.S. Department of the Interior, National Park Services recommendations for historic structures.

Project Rationale

The aging mortar (material between the stones) has succumbed to time and is in need of repair. Approximately 70% of the exposed mortar (about 400,000 lineal feet or 76 miles) is deteriorated, which compromises the weather resistance of the wall and the integrity of the underlying bedding mortar as well as the wall's ability to resist intrusion and escape.

Project Timeline

Other Considerations

Due to the scale of the project, the project can be funded and completed in three phases: 2018, 2020 and 2022. The general time-line and costs for the project are shown below.

2018 - Complete Design & Construction Phase 1:	\$4,500
2020 - Bidding and Construction Phase 2:	\$4,700

<u>2022 - Bidding and Construction Phase 3</u>	<u>\$5,300</u>
Project total:	\$14,500

Impact on Agency Operating Budgets

None anticipated.

Description of Previous Appropriations

None received.

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Moose Lake Control Room Renovation

AT A GLANCE

2018 Request Amount:	\$1,950
Priority Ranking:	7
Project Summary:	\$1.95 million is requested to renovate the outdated and inefficient Master Control Center at MCF - Moose Lake.

Project Description

MCF-Moose Lake underwent a DOC security audit in August of 2009. The inspectors noted that the facility’s control center lacked many necessary security features, along with being very staff inefficient. The Control Room, currently congested and lacking adequate square footage, is inefficient in its layout, lacks proper security measures and suffers from inadequate mechanical ventilation and electrical distribution. The renovation will do the following:

- Create a new Secure Vestibule
- Update old-outdated electronic systems
- Construct entrance to control center that is completely outside the secure perimeter
- Secure perimeter wall modifications
- Provide new bay windows for better Control Room visibility to the circulation corridors
- Provide mirrored glazing to control the public’s view into the Control Room
- Expand and renovate the Control Room to provide more storage and a more efficient and ergonomic layout for the staff
- Revise the mechanical and electrical systems to provide adequate air quality and distribution by updating outdated climate control systems
- Move the head end control center wiring and equipment storage from the security closet in master control to directly below the control center.

Project Rationale

To increase security enhancements to the Master Control Center at MCF-ML, upgrade the facility's out of date fire alarm panels, and renovate space to improve visibility of the visitor area from Master Control.

Project Timeline

- 9/2018 - 3/2019 Design
- 3/2019 - 12/2019 Construction
- 8/2019 - Midpoint of Construction

Other Considerations

Other considerations include:

- The renovation will expand and improve security staff’s ability to monitor security and life safety

systems.

- The renovation will also address the needed security issue of preventing the public from viewing staff camera views and security systems that are monitored in the control center.
- Traffic during shift changes is an issue. With a new design with new efficiencies, we will better able to control traffic in and out of the facility.
- Current control center functioning and logistics require radios be issued to staff from the control center by control center staff. This occurs multiple times per day and on each shift. Current operations add to congestion during shift change.
- In emergency situations, the inefficiencies of the current configuration are compounded due to the current layout of the control center. Radio communications, phone traffic, foot traffic, camera monitoring and other routine business needs are impacted. The new design will create an expanded, more efficient, and safe layout to support safety and security responsiveness.
- Communications is now routed through the control center. Renovation plans include the construction of a separate radio/hand cuff/chemical irritant room where staff can check out radios/cuffs/chemical irritant without involving control center staff. In emergency situations, this will be extremely helpful, as control center staff will not be distracted by staff needs related to issuing radios.

Impact on Agency Operating Budgets

None

Description of Previous Appropriations

None received.

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Shakopee Emergency Generator Upgrade

AT A GLANCE

2018 Request Amount: \$2,800

Priority Ranking: 8

Project Summary: \$2.8 million in State funds is requested for the replacement of existing emergency generators at the MCF/Shakopee. The existing generators are at the end of useful life, undersized for current emergency electrical demand, and supply power for life safety and optional standby loads only. The new generation system will supply emergency power to the whole facility and will have additional capacity and redundancy built in to supply reliable emergency power to the facility well into the future.

Project Description

This project will facilitate the replacement of two smaller emergency generators installed in the mid 1980's with a new emergency generation system along with new fuel handling equipment. The generators will be sized to meet current loads picking up the entire facility power requirement and ensuring the safety of all DOC staff and offenders during utility power interruption. By providing 100% emergency power to the whole facility we will be consistent with DOC protocol applied to other DOC facilities state wide.

Project Rationale

Existing generators have reached the end of their useful equipment life and are currently undersized to meet the demand required. The generators are experiencing operational issues that need to be addressed in order to provide reliable emergency power to the facility. Fuel tanks and fuel handing systems are experiencing leakage due to corrosion and wear.

The new generation system will be sized to provide required power to the whole facility load. Redundancy will be built in the system to ensure backup is present in the event of generator failure.

Project Timeline

Jul 2018 - Dec 2018 Design

Dec 2018 - Jun 2019 Construction

Mar 2019 Mid Point of Construction

Other Considerations

Due to the critical nature of operating a correctional facility there are security systems in place that operate systems that control lighting, access control and perimeter fence detection to name a few. Having a reliable emergency power system is crucial for maintaining the security and safety of DOC staff and offenders during time of utility power interruption allowing the facility to operate at 100% capacity.

Impact on Agency Operating Budgets

None

Description of Previous Appropriations

None

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Rush City Security Electronics| Building Automation Upgrade

AT A GLANCE

2018 Request Amount: \$5,200

Priority Ranking: 9

Project Summary: \$5.2 million in State funds is requested for the upgrade of the security electronics and building automation systems at the MCF/Rush City. The electronic security and building automation systems have reached the end of life for electronic systems and need replacement. By upgrading these systems the facility can continue to operate securely and efficiently to continue to carry out its statue responsibilities which provide safety and security for offenders, staff, and the general public.

Project Description

Electronic Security System Upgrade

The electronic Security system is an integrated system composed of the following subsystems:

- * Touch Screen control stations – These are computer stations that use both a mouse and touch screens that allow staff to operate the entire integrated security system. The computers are old, they are still operating on Windows XP, and the graphics control system software version is no longer supported. While they are still working at this time, support and replacement parts and software fixes are going to continue to get more difficult over the next few years.
- * Door and Card Reader system – The current GE PLC’s and obsolete and no longer supported, door control boards are in need of review to determine fi they should be replaced, and the card access system manufacture is no longer in business.
- * Intercom system – The current intercom system is in full operation but it is at the end of its lifespan and is in need of replacement.
- * Paging system – The current paging system is in full operation but the system amplifiers are at the end of their lifespan and is in need of replacement.
- * Interface with the existing video system – With the ongoing changes and upgrades to IP cameras and high tech recording systems, the interface for cameras call-up and interface needs to be improved to meet the facilities needs.
- * Uninterruptable Power Systems (UPS) system – The current UPS’s powering the entire system are in full operation but it is at the end of their lifespan and is in need of replacement.

Building Automation System Upgrade

The existing Siebe Network 8000 building automation system (BAS) is approaching the end of its life, and support and spare parts are becoming more difficult to obtain. The basic system architecture is comprised of various controllers, which handle communication and system operation at various levels. The controllers have become outdated and need to be replaced.

The BAS upgrade will involve the entire facility. Ideally, the BAS upgrade would take place under one contract for construction, and the work would take place within a time frame of several months. However, this will be subject to the amount of funding which will become available and its timing. It is likely that phasing would be accomplished building-by-building, and the order would depend on

funding and the Facility's priorities.

Project Rationale

The Correctional Facility at Rush City was first opened in the year 2000 and has been fully operational for over 18 years. Many system are original and are nearing the end of the planned life. Many system with electronic components have operational lifespans of 10-15 years, components become obsolete and replacement parts and product support are more difficult to get or are no longer available. System software is no longer supported and more difficult to troubleshoot. The Electronic Security system and Building Automation Systems are two such systems. Both systems have served the facility well but the ease of and the expense of maintenance keeps growing each year and soon spare parts and support will be impossible and difficult to obtain.

Project Timeline

Aug 2018 - Jan 2019 Design and Bidding
Feb 2019 - Nov 2019 Construction
Jul 2019 Mid Point of Construction

Other Considerations

While the systems are currently in operating condition, the failure of components, or sub-systems could have a severe impact on the security and operations of the facility. This project is intended to replace these systems while they are still in operating condition to prevent this type of impact on the facility.

Impact on Agency Operating Budgets

None

Description of Previous Appropriations

None

Project Contact Person

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Stillwater Install Fire Suppression in Living Units

AT A GLANCE

2018 Request Amount: \$2,600

Priority Ranking: 10

Project Summary: \$2.6 million of State funds is requested to install fire suppression systems in four living units at the MCF/Stillwater and the main corridor serving those units. This project is in response to requests made by State code officials to comply with current fire codes to ensure the safety of DOC staff and offenders.

Project Description

Install fire sprinkler systems in Living Units A, B, C and D and the main corridor leading to each of these units. Systems to include sprinklers in each cell along with sprinklers and standpipes located in the open flag areas of each living unit.

Project Rationale

In response to requests made by State code officials to install fire suppression systems in each living unit at MCF/Stillwater the Department of Corrections in 2016 initiated an independent study to identify all areas within the facility that require fire suppression and apply costing information for planning purposes. The total list of buildings and areas requiring fire suppression installation and updates total \$5.4M. This request of \$2.6M takes into account the facilities top priority of adding fire suppression to the living units only.

Project Timeline

Jul 2018 - Dec 2018 Design
 Dec 2018 - Aug 2019 Construction
 Apr 2019 Mid Point of Construction

Other Considerations

The international Fire Code (IFC Section 903.2) states where fire sprinkler systems are required. This includes the requirement that Group I Institutional occupancies have fire sprinkler systems. IFC Section 905 .3 says where standpipes are required, and this includes prison cell blocks.

Impact on Agency Operating Budgets

None

Description of Previous Appropriations

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St. Cloud Install Fire Suppression in Living Units

AT A GLANCE

2018 Request Amount: \$1,700

Priority Ranking: 11

Project Summary: \$1.7 million of State funds is requested to install fire suppression systems in five living units at the MCF/St.Cloud. This project is in response to requests made by State code officials to comply with current fire codes to ensure the safety of DOC staff and offenders.

Project Description

Install fire sprinkler systems in Living Units A, B, C, D and E. Systems to include sprinklers in each cell along with sprinklers and standpipes located in the open flag areas of each living unit.

Project Rationale

In response to requests made by State code officials to install fire suppression systems in each living unit at MCF/St. Cloud the Department of Corrections in 2016 initiated an independent study to identify all areas within the facility that require fire suppression and apply costing information for planning purposes. The total list of buildings and areas requiring fire suppression installation and updates total \$3.8M. This request of \$1.7M takes into account the facilities top priority of adding fire suppression to the living units only.

Project Timeline

Jul 2018 - Dec 2018 Design

Dec 2018 - Aug 2019 Construction

Apr 2019 Mid Point of Construction

Other Considerations

The international Fire Code (IFC Section 903.2) states where fire sprinkler systems are required. This includes the requirement that Group I Institutional occupancies have fire sprinkler systems. IFC Section 905 .3 says where standpipes are required, and this includes prison cell blocks.

Impact on Agency Operating Budgets

None

Description of Previous Appropriations

None

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