



State of Wisconsin Building Commission

TONY EVERS
Governor

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The ADMINISTRATIVE AFFAIRS SUBCOMMITTEE will meet to review and make recommendations on requests submitted by the state agencies.

Wednesday, October 20, 2021

9:30 a.m.

To be broadcast via WisconsinEye: wiseye.org/live

The HIGHER EDUCATION SUBCOMMITTEE will meet to review and make recommendations on requests submitted by the state agencies.

Wednesday, October 20, 2021

11:00 a.m.

To be broadcast via WisconsinEye: wiseye.org/live

The STATE BUILDING COMMISSION will meet to review and act upon agency requests and other business and any matters referred by either subcommittee.

Wednesday, October 20, 2021

3:00 p.m.

To be broadcast via WisconsinEye: wiseye.org/live

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee

Full Commission

The Secretary requests approval of the minutes of August 11, 2021.

No action required.

DEBT MANAGEMENT

1. General Obligation New Money Authorizing Resolution - 2021 State of Wisconsin Building Commission Resolution 8 authorizes the issuance and sale of General Obligations in an amount not to exceed \$264,615,000, in fixed or variable rate form, to fund the construction or improvements of facilities, grants, and acquisition of land for state-wide purposes, and amends borrowing purposes of a prior authorizing resolution.

2. General Obligation Refunding Authorizing Resolution - 2021 State of Wisconsin Building Commission Resolution 9 authorizes the issuance and sale of General Obligations in an amount not to exceed \$550,000,000, in fixed or variable rate form, to refund outstanding general obligation bonds previously issued for construction or improvement of facilities, grants, and acquisition of land for state-wide purposes.

No action required.

No action required.

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee

Full Commission

ADMINISTRATIVE AFFAIRS

Department of Administration

3. Various All Agency Projects – Request the following:
- a) Authority to construct the All Agency maintenance and repair request(s) listed below; and
 - b) Permit the Division of Facilities Development to adjust individual project budgets.

Facility Maintenance and Repair		\$7,878,400
GEF I	Elevator Modernization (\$2,704,500 PRSB)	\$2,704,500
GEF II	Elevator Modernization (\$1,679,600 PRSB)	\$1,679,600
Admin	Elevator Modernization (\$2,087,300 PRSB)	\$2,087,300
CHPP	Bldg Envelope Rehabilitation (\$1,407,000 PRSB)	\$1,407,000

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #3**

AGENCY: Department of Administration

DOA CONTACT: Paula Veltum, (608) 266-3086, paula.veltum@wisconsin.gov

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: Madison, Dane County

PROJECT REQUEST: Request the following:

- a) Authority to construct the All Agency maintenance and repair request(s) listed below; and
- b) Permit the Division of Facilities Development to adjust individual project budgets.

Facility Maintenance and Repair			
LOCATION	PROJ. NO.	PROJECT TITLE	PRSB
State Industry & Labor Bldg. (GEF-I) (Dane Co.)	19K2N	Elevator Modernization	\$2,704,500
State Natural Resources Bldg. (GEF-II) (Dane Co.)	19K2O	Elevator Modernization	\$1,679,600
State Administration Building (Dane Co.)	19K2P	Elevator Modernization	\$2,087,300
Capitol Heat and Power Plant (Dane Co.)	21A1N	Building Envelope Rehabilitation	\$1,407,000
Facility Maintenance and Repair Total			\$7,878,400

State Industry & Labor Building (GEF-I) – Elevator Modernization (19K2N):

Project Description and Justification:

This project will modernize elevators at the State Industry & Labor Building (GEF-I), located at 201 E. Washington Avenue in Madison. This facility was constructed during 1972 and has 441,138 GSF with four stories above ground and two basement levels. GEF-I provides administrative office space for the Department of Workforce Development.

The building has five passenger elevators and one freight elevator servicing the building. The original equipment was installed in 1972 and the controllers were replaced in 1996. Due to the condition and age of the equipment, a full replacement is needed. The upgrades will ensure that the elevators function properly, meet ADA requirements, and have life safety systems that allow full fire service and smoke recall on all floors.

The project scope includes renovating and replacing two six-stop traction passenger elevators; three four-stop traction passenger elevators and one six-stop traction freight elevator. Work will include replacing all machine room equipment and control systems. Elevator doors, equipment

and control stations will be upgraded to ADA requirements. An elevator monitoring system will be installed, and firefighter service operations will be provided. Heating and cooling improvements to the equipment room will be done to satisfy the equipment warranties and a fully regenerative drive will be installed. Elevators will be modernized one at a time at this building resulting in the extended construction timeline.

Budget/Schedule:

Construction	\$2,130,000	SBC Approval	Oct 2021
Design	\$150,000	A/E Selection	Dec 2019
DFD Mgt	\$98,000	Bid Opening	May 2022
Contingency	\$319,500	Start Construction	Jul 2022
Other Fees	\$7,000	Substantial Completion	May 2024
TOTAL	\$2,704,500	Final Completion	Jul 2024

Previous Action: None.

State Natural Resources Building (GEF-II) – Elevator Modernization (19K2O):

Project Description and Justification:

This project will modernize elevators at the State Natural Resources Building (GEF-II), located at 101 S. Webster Street in Madison. The 223,270 GSF, eight-story building was constructed in 1978 and is the Madison headquarters for the Department of Natural Resources (DNR). This building also has two underground basement levels.

GEF-II has three passenger elevators and one freight elevator servicing the building. The original elevator equipment was installed in 1978 (43 years old) and the controllers were replaced in 1998 (23 years old). All equipment is at the end of its service life. Due to the condition and age of the equipment, a full replacement is needed. The upgrades will ensure that the elevators function properly, meet ADA requirements, and have life safety systems that allow full fire service and smoke recall on all floors.

The project scope includes replacing two eight-stop traction passenger elevators; one 10-stop traction passenger elevator; and one 10-stop traction freight elevator. All machine room equipment and control systems will be replaced and will include fully regenerative drives. Elevator doors, equipment and control stations will be upgraded to meet ADA requirements. An elevator monitoring system will be installed, and firefighter service operations will be provided. Heating and cooling improvements to the equipment room will be implemented to satisfy the equipment warranty. Lighting in elevator lobbies, hoist-ways, and machine room will be upgraded. Elevators will be modernized one at a time in the building resulting in the extended construction timeline.

Budget/Schedule:

Construction	\$1,315,000
Design	\$100,800
DFD Mgt	\$60,500
Contingency	\$197,300
Other Fees	\$6,000
TOTAL	\$1,679,600

SBC Approval	Oct 2021
A/E Selection	Dec 2019
Bid Opening	Mar 2022
Start Construction	May 2022
Substantial Completion	Nov 2023
Final Completion	Jan 2024

Previous Action: None.

State Administration Building – Elevator Modernization (19K2P):**Project Description and Justification:**

This project will modernize elevators at the State Administration Building, located at 101 E. Wilson Street in Madison. The 10-story building has 204,286 GSF for office operations and a five-level, 79,921 GSF underground parking ramp. This building was constructed in 1991 and provides office space for the Department of Administration headquarters and for the Board for People with Developmental Disabilities, the Wisconsin Ethics Commission, and the Board of Commissioners of Public Lands.

The 30-year-old elevator equipment is original to the building and is at the end of its service life. Due to the condition and age of the equipment, a full replacement is needed. This project addresses maintenance issues, deteriorating ride performance, and building code changes. When complete, the elevators should function properly, meet ADA requirements, and have life safety systems that allow full fire service and smoke recall on all floors.

The project scope includes replacing four 15-stop traction passenger elevators and one 15-stop traction freight elevator. All machine room equipment and control systems will be replaced and will include fully regenerative drives installed. Elevator doors, equipment and control stations will be upgraded to meet ADA requirements. An elevator monitoring system will be installed, and firefighter service operations will be provided. Heating and cooling improvements to the equipment room will be implemented to satisfy the equipment warranty. Lighting in elevator lobbies, hoist ways, and machine rooms will be upgraded. Elevators will be modernized one at a time at this building resulting in the extended construction timeline.

Budget/Schedule:

Construction	\$1,630,000
Design	\$131,200
DFD Mgt	\$75,000
Contingency	\$244,500
Other Fees	\$6,600
TOTAL	\$2,087,300

SBC Approval	Oct 2021
A/E Selection	Dec 2019
Bid Opening	Mar 2022
Start Construction	May 2022
Substantial Completion	May 2024
Final Completion	Jul 2024

Previous Action: None.

Capitol Heat & Power Plant – Building Envelope Rehabilitation (21A1N):

Project Description and Justification:

This project rehabilitates the building envelope at the Capitol Heat & Power Plant (CHPP) and Maintenance Shop. The project scope includes concrete repairs, brick masonry repairs, abandoned chimney removal, localized structure repairs, sealant rehabilitation, and coating rehabilitation. Scope also includes removing and replacing approximately 51 original window units, with replacement windows addressing security and thermal concerns, while staying consistent with the historical nature and age of the plant. The bulk of the project work should be done from May through September ensuring CHPP operations will not be negatively impacted.

The 48,116 GSF CHPP was constructed between 1908 and 1911 and was originally intended to provide service only to the Wisconsin State Capitol building. Today, the chilled water and steam is routed to serve 11 downtown buildings (seven owned by the State of Wisconsin and four non-State buildings owned by belonging to Dane County, City of Madison, and the Lake Terrace LLC). This project will resolve existing building envelope issues by providing new energy efficient glass and thermally broken sashes or assemblies for windows at the CHPP. The project also restores the structural integrity of the Plant by addressing specific areas requiring remediation and will provide building wide sealant replacement and comprehensive cleaning of the exterior of the facility. This work is needed to prevent water infiltration, increase ventilation, enable proper building pressurization, and improve CHPP operations.

The windows of the plant and maintenance shop are original and consist of a mixture of awning, double hung and fixed units. These windows have wood construction with divided lights, security screens and safety glass, but are unrepairable with peeling lead paint, failing operable components, hardware, and finishes. A comprehensive replacement sensitive to the CHPP's historical significance is needed. Also, there is an abandoned, deteriorated masonry chimney at the Maintenance Shop that requires removal. A comprehensive cleaning should be done to remove existing contaminants from the Plant's coal burning past. Additionally, a complete sealant replacement of the original structure needs be done to address failing terra cotta, brick joints and openings. Also, the existing masonry walls have areas needing veneer brick replacement, anchor removals, re-pointing, and repairs.

Budget/Schedule:

Construction	\$1,100,000
Design	\$91,000
DFD Mgt	\$51,000
Contingency	\$165,000
TOTAL	\$1,407,000

SBC Approval	Oct 2021
A/E Selection	Feb 2021
Bid Opening	Jan 2022
Start Construction	Mar 2022
Substantial Completion	Nov 2022
Final Completion	Jan 2023

Previous Action: None.

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee

Full Commission

Department of Corrections

4. Oshkosh Correctional Institution – Secure Residential Treatment Unit and Diversion Unit BTF Release – Request the release of \$70,000 Building Trust Funds (BTF)–Planning to prepare preliminary plans and a Design Report for the Secure Residential Treatment Unit and Diversion Unit project.

This project was enumerated in 2021 Wisconsin Act 58 for \$2,580,000 GFSB.

In June 2019, the SBC approved authority to construct this project as part of the All Agency program for \$1,000,000 GFSB.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #4**

AGENCY: Department of Corrections

DOC CONTACT: Jane Zavoral, (608) 240-5410, jane.zavoral@wisconsin.gov

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: Oshkosh Correctional Institution (OSCI), Winnebago County

PROJECT REQUEST: Request the release of \$70,000 Building Trust Funds (BTF)–Planning to prepare preliminary plans and a Design Report for the Secure Residential Treatment Unit and Diversion Unit project.

PROJECT NUMBER: 18H2J

PROJECT DESCRIPTION:

This project will construct a new 4,000 SF building that will provide needed space for a Secure Residential Treatment Unit (SRTU) and Diversion Unit (DU). The space will consist of one 550 SF classroom, three 250 SF classrooms, ten 110 SF staff offices, inmate and staff restroom, janitors’ closet, storage, and mechanical rooms.

PROJECT JUSTIFICATION:

Oshkosh Correctional Institution’s SRTU and DU programs have been operating in a limited format due to insufficient space for group rooms and staff offices, and due to the lack of space, several staff offices are not contiguous within the program space. In addition, restrictions are placed on programming due to lack of designated group areas that are conducive to the learning environment and provide for confidentiality.

The SBC approved this project in June 2019 as part of the DOC All Agency program. Following receipt of bids for the project, the total budget exceeded the All Agency threshold, and the project was requested and eventually enumerated in the 2021-23 Capital Budget. There is no change in project scope from what was previously approved by the SBC, but the enumeration of the project requires SBC approval to use the Building Trust Funds to complete preliminary plans.

BUDGET/SCHEDULE:

Construction	\$1,977,000
Design	\$218,000
DFD Mgt	\$87,000
Contingency	\$198,000
Equipment	\$100,000
TOTAL	\$2,580,000

SBC Approval	June 2022
A/E Selection	Aug 2018
Design Report	June 2022
Bid Opening	Aug 2022
Start Construction	Nov 2022
Substantial Completion	Aug 2024
Final Completion	Sep 2024

PREVIOUS ACTION: This project was enumerated in 2021 Wisconsin Act 58 for \$2,580,000 GFSB.

In June 2019, the SBC approved authority to construct this project as part of the All Agency program for \$1,000,000 GFSB.

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee

Full Commission

Department of Health Services

5. Various All Agency Projects – Request the following:
- a) Authority to construct the All Agency maintenance and repair request(s) listed below;
 - b) Transfer all approved GFSB to the agency’s Infrastructure Maintenance Account; and
 - c) Permit the Division of Facilities Development to adjust individual project budgets.

	Facility Maintenance and Repair	\$4,230,400
MMHI	Air Conditioning Improvements (\$1,247,800 GFSB)	\$1,247,800
MMHI	Lorenz Hall Bldg Envelope Repair (\$2,982,600 GFSB)	\$2,982,600

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #5**

AGENCY: Department of Health Services

DHS CONTACT: Mark Zaccagnino, (608) 266-2902, mark.zaccagnino@wisconsin.gov

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: Mendota Mental Health Institute, Dane County

PROJECT REQUEST: Request the following:

- a) Authority to construct the All Agency maintenance and repair request(s) listed below;
- b) Transfer all approved GFSB all agency allocation to the agency's Infrastructure Maintenance account; and
- c) Permit the Division of Facilities Development to adjust individual project budgets.

Facility Maintenance and Repair			
LOCATION	PROJ. NO.	PROJECT TITLE	GFSB
Mendota Mental Health Institute (Dane Co.)	20D3X	Air Conditioning Improvements	\$1,247,800
Mendota Mental Health Institute (Dane Co.)	20I2W	Lorenz Hall Building Envelope Repair	\$2,982,600
Facility Maintenance and Repair Total			\$4,230,400

Mendota Mental Health Institute – Air Conditioning Improvements (20D3X):

Project Description and Justification:

This project will add air conditioning to Buildings One and Four located on the southwest portion of the Mendota Mental Health Institute (MMHI) campus. The new systems will include ductless indoor cooling units, refrigerant piping, and outdoor condensing units. A forced air system will provide ventilation air to each room. The electrical service to the building will be upgraded.

Buildings One and Four will serve as temporary office space for staff that need to relocate during the construction of the Mendota Juvenile Treatment Center (MJTC) expansion. These buildings consist of 33 office spaces and meeting room spaces. These buildings are located within the historic district of the MMHI campus. Adding cooling to the buildings allows the agency to repurpose existing space into usable offices and meeting rooms.

Budget/Schedule:

Construction	\$1,040,000
Design	\$58,000
DFD Mgt	\$45,800
Contingency	\$104,000
TOTAL	\$1,247,800

SBC Approval	Oct 2021
A/E Selection	May 2020
Bid Opening	Dec 2021
Start Construction	Feb 2022
Substantial Completion	Jun 2022
Final Completion	Oct 2022

Previous Action: None.

Mendota Mental Health Institute - Lorenz Hall Building Envelope Repair (20I2W):**Project Description and Justification:**

This project will repair the building envelope of Lorenz Hall which houses a licensed psychiatric hospital on the MMHI campus serving up to 80 medium security forensic patients. The project's scope includes repairing cracked brick-and-mortar joints and replacing broken bricks. Windows sealants will be replaced along with deteriorated windowsill stones. The parapet walls around the building will be rebuilt. The deteriorating penthouse exterior will be repaired. The existing roof will be replaced with a complete EPDM roof system and prefinished metal trim.

The current building envelope on Lorenz Hall has begun to fail resulting in cracked brick-and-mortar joints causing water leaks. These failures have caused interior water damage and safety concerns from potential failing debris. Some of the windowsill stones are deteriorating and cracking. The building's existing roof is 30 years old and is fully deteriorated.

Budget/Schedule:

Construction	\$2,250,000
Design	\$244,800
DFD Mgt	\$105,300
Contingency	\$382,500
TOTAL	\$2,982,600

SBC Approval	Oct 2021
A/E Selection	Dec 2020
Bid Opening	Feb 2022
Start Construction	Apr 2022
Substantial Completion	Nov 2022
Final Completion	Dec 2022

Previous Action: None.

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee

Full Commission

Department of Military Affairs

6. Milwaukee Readiness Center – Phase III BTF Release – Request the release of \$172,900 Building Trust Funds (BTF)-Planning to prepare preliminary plans and a Design Report for the Milwaukee Readiness Center Phase III project.

This project was enumerated in 2019 Wisconsin Act 9 for \$6,494,000 (\$3,247,000 GFSB and \$3,247,000 FED).

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #6**

AGENCY: Department of Military Affairs

DMA CONTACT: COL Eric J. Leckel, (608) 242-3365, eric.j.leckel.mil@mail.mil

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: Milwaukee, Milwaukee County

PROJECT REQUEST: Request the release of \$172,900 Building Trust Funds (BTF)-Planning to prepare preliminary plans and a Design Report for the Milwaukee Readiness Center Phase III project.

PROJECT NUMBER: 20D1J

PROJECT DESCRIPTION:

This project is the third of four phases to renovation the Milwaukee Readiness Center. This phase of work includes the following components: alteration of the drill hall, renovating existing offices and supply/storage rooms, constructing a new kitchen and mezzanine, upgrading the existing HVAC system, and replacing windows. The goal of these improvements is to provide a modern, efficient, and safe facility to better meet the continued training and readiness needs of units housed in Milwaukee.

PROJECT JUSTIFICATION:

The Milwaukee Army National Guard Readiness Center is a masonry building constructed in 1927. The three-story readiness center lacks the authorized administrative, classroom, kitchen, toilets, showers, and locker rooms for the assigned units. The facility and site do not currently meet the Americans with Disabilities Act (ADA) or current Antiterrorism Force Protection (AT/FP) standards. The existing facility consists of approximately 99,674 GSF which does not meet the authorized requirement of 121,699 GSF and is inadequate to meet the training needs of the units housed in this facility.

Improvements to the facility have occurred in multiple phases. The first phase began in 2016 and was completed in June 2021. The remaining phases are ongoing and anticipated to be completed in January 2025. Improvements to the facility are joint funded between state and federal sources.

BUDGET/SCHEDULE:

Construction	\$4,942,000
Design	\$494,000
DFD Mgt	\$218,000
Contingency	\$494,000
Equipment	\$296,000
Other Fees	\$50,000
TOTAL	\$6,494,000

SBC Approval	Apr 2021
A/E Selection	Dec 2020
Design Report	Apr 2022
Bid Opening	Jul 2022
Start Construction	Oct 2022
Substantial Completion	Dec 2023
Final Completion	Mar 2024

PREVIOUS ACTION: This project was enumerated in 2019 Wisconsin Act 9 for \$6,494,000 (\$3,247,000 GFSB and \$3,247,000 FED).

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee	Full Commission
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7. Chippewa Falls – New Facility Maintenance Building (Increase) – Request the following:
- a) Approve the Design Report;
 - b) Authority to increase the project budget by \$230,000 (\$57,000 EX-GFSB and \$173,000 FED); and
 - c) Authority to construct the Chippewa Falls-New Facility Maintenance Building project for a revised estimated total cost of \$1,560,000 (\$390,000 GFSB and \$1,170,000 FED).

This project was enumerated in 2021 Wisconsin Act 58 for \$1,330,000 (\$333,000 GFSB and \$997,000 FED).

In October 2019, the SBC granted authority to construct this project as an All Agency project for an estimated total cost of \$991,200 (\$247,900 GFSB and \$743,300 FED).

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #7**

AGENCY: Department of Military Affairs

DMA CONTACT: COL Eric J. Leckel, (608) 242-3365, eric.j.leckel.mil@mail.mil

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: Chippewa Falls, Chippewa County

PROJECT REQUEST: Request the following:

- a) Approve the Design Report;
- b) Authority to increase the project budget by \$230,000 (\$57,000 EX-GFSB and \$173,000 FED); and
- c) Authority to construct the Chippewa Falls-New Facility Maintenance Building project for a revised estimated total cost of \$1,560,000 (\$390,000 GFSB and \$1,170,000 FED).

PROJECT NUMBER: 18K1U

PROJECT DESCRIPTION:

This project will construct a new 5,300 square foot facility maintenance building with two equipment storage/maintenance bays. The new facility will include overhead doors to access the storage/maintenance bays, two private offices, open office space accommodating eight maintenance staff, an equipment/parts storage area, latrines, and a break room. The new facility has been designed to be constructed with either be steel or masonry. External features include appropriate site lighting, dumpster enclosure, fencing, walkways, and concrete aprons.

This project was originally approved by the SBC as an All Agency-Facility Maintenance project. The project was bid in September 2020; the bids for the project exceeded the All Agency budget threshold. In order to continue the project, DMA submitted a request to enumerate the project as part of the 2021-23 Capital Budget. 2021 Wisconsin Act 58 enumerated this project for \$1.3 million (\$333,000 GFSB and \$997,000 FED). Based on final design, the anticipated project cost is \$1.5 million, a 17% increase. This project will be rebid in January 2022. The increase will be funded by additional federal funds and transferring \$57,000 from the DMA residual infrastructure account. The final funding split for the project is consistent with the split in the enumerated budget.

PROJECT JUSTIFICATION:

The Wisconsin Army National Guard currently operates with a space shortage. Due to this space shortage, DMA State Facility Staff does not have any dedicated office, storage, and workspace within any of the armories they support, and often must relocate items based on changing unit equipment and mission needs. Equipment often is stored and worked on outdoors since there is no appropriate work bay space available to them, including 10 vehicles, skid steer, trailers, personnel lift, plows, and various tools.

This project will allow staff to bring vehicles into the building during winter months to load and prepare for upcoming work, and to perform necessary maintenance in a controlled environment. This building would also provide needed storage for supplies that could become damaged when temperatures drop below freezing, or from other outdoor hazards.

BUDGET/SCHEDULE:

Construction	\$1,205,000
Design	\$100,000
DFD Mgt	\$53,100
Contingency	\$120,700
Equipment	\$75,000
Other Fees	\$6,200
TOTAL	\$1,560,000

SBC Action	Oct 2021
A/E Selection	Dec 2018
Design Report	Oct 2021
Bid Opening	Jan 2022
Start Construction	Mar 2022
Substantial Completion	Apr 2023
Final Completion	May 2023

PREVIOUS ACTION: This project was enumerated in 2021 Wisconsin Act 58 for \$1,330,000 (\$333,000 GFSB and \$997,000 FED).

In October 2019, the SBC granted authority to construct this project as an All Agency project for an estimated total cost of \$991,200 (\$247,900 GFSB and \$743,300 FED).

DESIGN REPORT

DIVISION OF FACILITIES DEVELOPMENT
101 East Wilson Street, 7th Floor
Post Office Box 7866
Madison, WI 53707

October 20, 2021

Facility Maintenance Building
Chippewa Falls, WI

Project Number: 18K1U

For the: Department of Military Affairs

Project Manager: Raivo Balciunas

Architect/Engineer: Lien & Peterson Architects, Inc.
Eau Claire, WI

1. Project Description:

This project will construct a facility maintenance building approximately 5,300 square feet in size with two equipment storage/maintenance bays with overhead doors, two private offices, open office space accommodating eight maintenance staff, an equipment/parts storage area, latrines and a break room. Construction type may either be steel or masonry. External features include appropriate site lighting, dumpster enclosure, fencing, walkways and concrete aprons.

The Wisconsin Army National Guard currently operates with a space shortage. Due to this space shortage, DMA State Facility Staff does not have any dedicated office, storage and work space within any of the Armories they support and often must relocate items based on changing unit equipment and mission needs. Equipment must be stored and worked on outdoors since there is no appropriate work bay space available to them. This staff's equipment includes 10 vehicles, skid steer, trailers, personnel lift, plows and various tools. Although not all equipment will be able to be stored in the facility, staff would be able to bring vehicles into the building during winter months to load and prepare for upcoming work or perform necessary maintenance in a controlled environment. This building would, also provide needed storage for supplies that would become damaged if stored outdoors or when temperatures drop below freezing.

2. Authorized Budget and Funding Source:

This project was enumerated in 2021 Wisconsin Act 58 for \$1,330,000 (\$333,000 GFSB, \$997,000 FED)

3. Schedule:

Bid Opening:	Jan 2022
Start of Construction:	Mar 2022
Substantial Completion / Occupancy:	Apr 2023
Final Completion	May 2023

4. Budget Summary:

Construction:	\$1,205,000
A/E Fees:	\$100,000
DFD Mgt:	\$53,100
Contingency:	\$120,700
Equipment:	\$75,000
Other Fees:	\$6,200
Total Project Cost:	\$1,560,000

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee	Full Commission
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8. Various All Agency Projects – Request the following:
- a) Authority to construct the All Agency maintenance and repair project(s) listed below;
 - b) Transfer all approved allocation of GFSB to the agency’s Infrastructure Maintenance Account; and
 - c) Permit the Division of Facilities Development to adjust individual project budgets.

Facility Maintenance and Repair		\$3,329,900
Kenosha	Building Drainage Improvements	\$541,900
Armory	(\$135,475 GFSB; \$406,425 FED)	
Madison	Building 901 Remodel	\$2,788,000
HQ	(\$697,000 GFSB; \$2,091,000 FED)	
Utility Repair and Renovation		\$304,800
Madison	Reconstruct POV Parking Lot	\$304,800
Aviation	(\$76,200 GFSB; \$228,600 FED)	
Health, Safety and Environmental Protection		\$669,300
Madison	Fuel System Storage Tank Replacement	\$669,300
Aviation	(\$167,325 GFSB; \$501,975 FED)	
TOTAL	\$1,076,000 GFSB \$3,228,000 FED	\$4,304,000

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #8**

AGENCY: Department of Military Affairs

DMA CONTACT: COL Eric J. Leckel, (608) 242-3365, eric.j.leckel.mil@mail.mil

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: Statewide

PROJECT REQUEST: Request the following:

- a) Authority to construct the All Agency maintenance and repair project(s) listed below;
- b) Transfer all approved allocation of GFSB to the agency's Infrastructure Maintenance Account; and
- c) Permit the Division of Facilities Development to adjust individual project budgets.

Facility Maintenance and Repair					
LOCATION	PROJ. NO.	PROJECT TITLE	GFSB	FED	TOTAL
Kenosha Armory (Kenosha Co.)	20J2A	Building Drainage Improvements	\$135,475	\$406,425	\$541,900
Madison Army National Guard Headquarters (Dane Co.)	20C2X	Building 901 Remodel	\$697,000	\$2,091,000	\$2,788,000
Facility Maintenance and Repair Total			\$832,475	\$2,497,425	\$3,329,900

Utility Repair and Renovation					
LOCATION	PROJ. NO.	PROJECT TITLE	GFSB	FED	TOTAL
Madison Aviation Armory (Dane Co.)	20K1P	Reconstruct POV Parking Lot	\$76,200	\$228,600	\$304,800
Utility Repair and Renovation Total			\$76,200	\$228,600	\$304,800

Health, Safety and Environmental Protection					
LOCATION	PROJ. NO.	PROJECT TITLE	GFSB	FED	TOTAL
Madison Aviation Armory (Dane Co.)	18L2A	Fuel System Storage Tank Replacement	\$167,325	\$501,975	\$669,300
Health, Safety and Environmental Protection Total			\$167,325	\$501,975	\$669,300

	GFSB	FED	TOTAL
OCTOBER 2021 TOTALS	\$1,076,000	\$3,228,000	\$4,304,000

Facility Maintenance and Repair:

Kenosha Armory – Building Drainage Improvements (20J2A):

Project Description and Justification:

This project will construct a series of improvements to resolve improper drainage at the Kenosha Armory. The project's scope includes installing foundation wall drain tile and waterproofing, gutters and downspouts, curb and gutter around the building, inlets, manholes, and storm sewer pipe.

Improper site draining is causing basement flooding and deteriorating conditions at this facility. Interior mold has been observed on the walls and ceilings in three rooms. Floor heaving is evident in numerous locations throughout the building and is easily noticed when looking at baseboard moldings, which are damaged and curled in places of the floor's heaving. The vault door in room 106 will only open partially as the floor under the door swing area is heaved. This concrete floor was ground previously to allow the door to fully open but needs further grinding at this time. The door thresholds into the drill hall from the hallway and kitchen are separated vertically by about one inch and there is also lateral separation. The drill floor finished surface grades vary across the room by as much as 1.5 inches.

Budget/Schedule:

Construction	\$430,700
Design	\$49,100
DFD Mgt	\$19,000
Contingency	\$43,100
TOTAL	\$541,900

SBC Approval	Oct 2021
A/E Selection	Jan 2021
Bid Opening	Mar 2022
Start Construction	May 2022
Substantial Completion	Sep 2022
Final Completion	Oct 2022

Previous Action: None.

Madison Army National Guard Headquarters – Building 901 Remodel (20C2X):

Project Description and Justification:

This project will remodel approximately 6,500 SF of existing office, storage, and mechanical spaces at Building 901 on the Army National Guard Headquarters campus. The project includes constructing a new military judicial center, security forces training area, and upgrade I.T. and security infrastructure. Lighting will be upgraded to comply with the current energy standards. A full sprinkler system will be added to the existing building.

Currently the Judge Advocate Section has no assigned area to conduct operations or designated training area. Upon completion, Building 901 would meet the requirements for a Military Judicial Center to be used to conduct trials, court martials and review boards.

Budget/Schedule:

Construction	\$2,003,900
Design	\$246,400
DFD Mgt	\$92,200
Contingency	\$300,700
Equipment	\$141,000
Other Fees	\$3,800
TOTAL	\$2,788,000

SBC Approval	Oct 2021
A/E Selection	May 2020
Bid Opening	Feb 2022
Start Construction	May 2022
Substantial Completion	Mar 2023
Final Completion	May 2023

Previous Action: None.

Utility Repair and Renovation:**Madison Aviation Armory – Reconstruct POV Parking Lot (20K1P):****Project Description and Justification:**

This project reconstructs the parking lot that serves the Madison Aviation Armory. The project’s scope includes adding 30 additional parking stalls, installing new asphalt and parking stall markers, replacing all existing lighting with energy efficient LED lights.

The current parking lot lacks an adequate number of parking stalls needed for monthly drills held at the facility. The current lighting infrastructure does not meet DMA standards and has been damaged from snow removal and other vehicles using the parking lot. The current pavement has significant cracking causing water drainage and icing issues. Once complete, the new parking lot will be large enough to support the building’s programming and resolve the existing infrastructure issues.

Budget/Schedule:

Construction	\$232,200
Design	\$32,100
DFD Mgt	\$10,500
Contingency	\$30,000
TOTAL	\$304,800

SBC Approval	Oct 2021
A/E Selection	Jan 2021
Bid Opening	Mar 2022
Start Construction	May 2022
Substantial Completion	Jul 2022
Final Completion	Aug 2022

Previous Action: None.

Health, Safety and Environmental Protection:**Madison Aviation Armory – Fuel System Storage Tank Replacement (18L2A):****Project Description and Justification:**

This project removes and replaces a 4,000-gallon underground storage tank. The replacement tank will be a 6,000-gallon storage tank with monitoring, dispensing, and spill containment components. Dewatering will be required due to groundwater conditions and the proximity to the Dane County Regional Airport and Wisconsin Air National Guard per- and polyfluoroalkyl

substances (PFAS) contamination corridors. Groundwater will be treated, containerized, and disposed of at a hazardous waste landfill. Areas involved in replacement will be restored.

The manufacturer's 30-year tank replacement guidance was due in 2018 and the existing tank is made of single walled fiberglass. Current USTs are mandated to be constructed as double walled for leak detection and spill prevention.

Budget/Schedule:

Construction	\$512,000
Design	\$52,000
DFD Mgt	\$23,500
Contingency	\$75,000
Other Fees	\$6,800
TOTAL	\$669,300

SBC Approval	Oct 2021
A/E Selection	Jan 2020
Bid Opening	Jan 2021
Start Construction	Apr 2022
Substantial Completion	Nov 2022
Final Completion	Dec 2022

Previous Action: None.

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee

Full Commission

Department of Natural Resources

9. Various All Agency Projects – Request the following:
- a) Authority to construct the All Agency maintenance and repair request(s) listed below; and
 - b) Permit the Division of Facilities Development to adjust individual project budgets.

Utility Repair and Renovation	\$548,800
Bearskin Replace Pinewood Trestle	\$548,800
(\$274,400 STWD; \$274,400 FED)	

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #9**

AGENCY: Department of Natural Resources

DNR CONTACT: Dan Olson, (608) 264-6055, daniel.olson@wisconsin.gov

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: Bearskin State Trail, Oneida County

PROJECT REQUEST: Request the following:

- a) Authority to construct the All Agency maintenance and repair request(s) listed below; and
- b) Allow the Division of Facilities Development to adjust individual project budgets

Utility Repair and Renovation					
LOCATION	PROJ. NO.	PROJECT TITLE	STWD	FED	TOTAL
Bearskin State Trail, (Oneida Co.)	21H3J	Replace Pinewood Trestle	\$274,400	\$274,400	\$548,800
Utility Repair and Renovation Total			\$274,400	\$274,400	\$548,800

PROJECT DESCRIPTION:

This project is located on the Bearskin State Trail and will replace the 65-year-old Pinewood trestle over Bearskin Creek. The 22-mile Bearskin trail has become a popular attraction and a main recreational corridor to access the Northwoods, connecting Tomahawk with the Minocqua/Woodruff area, and uses include hiking, bicycling, and snowmobiling.

The Pinewood trestle has been closed to all motorized traffic after an inspection of the bridge determined the timber piles supporting the bridge were missing and deteriorated. A prefabricated single span steel bridge, approximately 50-ft long and 12-ft wide, is proposed to replace the existing timber bridge. This new bridge will be designed to accommodate the loads of the current snow-grooming equipment used on the trail and will allow the reopening of the trail to snowmobile traffic.

PROJECT JUSTIFICATION:

There are 16 wooden trestles in varying lengths along the current Bearskin State Trail corridor, which crosses several water bodies. The railroad company built these trestles between 1887 and 1900 to carry heavy locomotives which facilitated the transport goods and passengers in and out of the Northwoods. Many of the trestle sub-structures, piles and piers are original construction. With the abandonment of the rail line, the rail corridor was sold to the state and converted in the 1970's to a bike/pedestrian/snowmobile trail by the placement of decking and railings on the trestles and crushed red granite on the trail surface.

The Bearskin is a main snowmobile corridor connecting to other county trails, increasing its importance to the Northwoods economy. This trestle replacement is necessary as an inspection in the summer of 2019 determined the piles under the Pinewood trestle were missing and/or deteriorated. Currently, all motorized vehicles including snowmobiles and snow-grooming equipment are not permitted on this trestle until it is replaced. This timetable allows for the trestle to be replaced in time for the snowmobiling season of Winter 2022-23.

BUDGET/SCHEDULE:

Construction	\$415,000
Design	\$36,200
DFD Mgt	\$19,100
Contingency	\$62,300
Other Fees	\$16,200
TOTAL	\$548,800

SBC Approval	Oct 2021
A/E Selection	Jul 2021
Bid Opening	Feb 2022
Start Construction	Apr 2022
Substantial Completion	Nov 2022
Final Completion	Nov 2022

PREVIOUS ACTION: None.

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee	Full Commission
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10. Council Grounds State Park – Campground Toilet/Shower Building Replacement BTF Release – Request the release of \$65,000 Building Trust Funds (BTF)-Planning to prepare preliminary plans and a Design Report for the Campground Toilet/Shower Building Replacement project.

This project was enumerated in 2019 Wisconsin Act 9 for \$1,085,600 GFSB.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #10**

AGENCY: Department of Natural Resources

DNR CONTACT: Dan Olson, (608) 264-6055, daniel.olson@wisconsin.gov

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: Council Grounds State Park, Lincoln County

PROJECT REQUEST: Request the release of \$65,000 Building Trust Funds (BTF)-Planning to prepare preliminary plans and a Design Report for the Campground Toilet/Shower Building Replacement project.

PROJECT NUMBER: 20K1V

PROJECT DESCRIPTION:

This project will construct a toilet/shower building with accessible facilities in a centralized location within the campground, and two accessible vault toilets as well. The toilet/shower building will be approximately 1,600 square feet and will include six showers and two separate toilet areas for men and women. The project also includes the reconstruction of two vault toilet buildings which will be open in the shoulder season, when the toilet/shower building is not open.

PROJECT JUSTIFICATION:

Council Grounds State Park is in the Town of Merrill, in Lincoln County in Northern Wisconsin. The park covers over 500 acres and has an estimated annual attendance of 200,000 visitors. The park offers a 52-unit family campground, hiking trails, picnicking, an enclosed picnic shelter, boat landing, accessible fishing stations and pier, a swimming beach, cross country ski trails, an outdoor group camp with electrical sites and new public entrance visitor station. The park's location along the Wisconsin River and Lake Alexander, with 2.5 miles of shoreline, is a popular destination camping spot for water enthusiasts.

The campground at Council Grounds State Park is served by two toilet/shower buildings that are both 47 years old, and one 33-year-old vault toilet building that is in disrepair. The current toilet/shower buildings require significant maintenance due to age and outdated design and materials. There are issues with accessibility compliance, tile degradation and mold, poor ventilation, sagging wall mounted fixtures, and plumbing leaks. Many of these issues cause safety concerns for campers, especially regarding slipping/falling due to the slippery floors caused by poor ventilation. There is significant mold growth, and the tile grout is severely stained and starting to disintegrate. Plumbing leaks due to outdated plumbing infrastructure could cause the buildings to be closed for repairs, which could result in campground closure and decreased revenue for the park.

During peak season, the campground is full every weekend, hosting over 300 visitors within the 52 family campsites and group campground. There are frequently long lines for the shower facilities, and the new building will increase capacity for the visitors, reduce maintenance time and costs for the staff, and prevent facilities and campground from potential closure and revenue loss.

BUDGET/SCHEDULE:

Construction	\$820,100
Design	\$105,000
DFD Mgt	\$35,100
Contingency	\$57,400
Other Fees	\$68,000
TOTAL	\$1,085,600

SBC Approval	Oct 2021
A/E Selection	Feb 2021
Design Report	Jan 2022
Bid Opening	Mar 2022
Start Construction	May 2022
Substantial Completion	Dec 2022
Final Completion	Jan 2023

PREVIOUS ACTION: This project was enumerated in 2019 Wisconsin Act 9 for \$1,085,600 GFSB.

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee

Full Commission

Non-State Grant

11. Marathon County – Request the release of \$5,000,000 GFSB to Marathon County and North Central Health Care to aid in the expansion of psychiatric beds and behavioral health services for six counties in northeastern Wisconsin pursuant to 2021 Wisconsin Act 58.

This project was enumerated in 2021 Wisconsin Act 58.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #11**

AGENCY: Non-State Grant

NSG CONTACT: Jill Meschke, jmeschke@norcen.org
Lance Leonard, Lance.Leonhard@co.marathon.wi.us

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: Marathon County

PROJECT REQUEST: Request the release of \$5,000,000 GFSB to Marathon County and North Central Health Care to aid in the expansion of psychiatric beds and behavioral health services for six counties in northeastern Wisconsin pursuant to 2021 Wisconsin Act 58.

PROJECT NUMBER: 21J1N

PROJECT DESCRIPTION:

2021 Wisconsin Act 58 contains a provision authorizing a \$5,000,000 grant to an organization providing mental and behavioral health services in the north central region of Wisconsin and has a campus in Marathon County.

North Central Health Care and Marathon County are currently undergoing a renovation that will expand capacity to include a youth psychiatric hospital, additional adult psychiatric and stabilization services, and expansion of crisis and emergency services. North Central Health Care and Marathon County operate through a joint county agreement. To deliver this project, Marathon County is overseeing the construction of the renovated facility and will then allow North Central Health Care to provide the expanded services from the new facility pursuant to the terms of a lease agreement entered into between them. It has been designated by the Department of Administration as a partnership between the organizations that fully meets the grant criteria established in Act 58. Marathon County and North Central Health Care are seeking the release of grant funding contained in 2021 Wisconsin Act 58 for partial funding to add 26 beds for expanded capacity for psychiatric and other behavioral health services.

PROJECT JUSTIFICATION/FUNDING:

Under 2021 Wisconsin Act 58, the State Building Commission may authorize up to a total \$5,000,000 GFSB, with no grantee match, to an organization in order to expand the number of psychiatric beds and behavioral health services for six counties in northeastern Wisconsin. The organization receiving these funds must meet the following grant terms identified in the table below. Within the table Marathon County and North Central Health Care have demonstrated how their partnership meets the established criteria.

Marathon County-Grants for Psychiatric & Behavioral Health Beds	
Grant Criteria	Grantee Submission
<p>The grantee shall provide 26 beds for expanded capacity for psychiatric & other behavioral health services and allowing public financial resources to be better distributed to more effectively improve delivery of mental health services and is a statewide responsibility of statewide dimension.</p> <p>The organization agrees to renovate an existing mental health facility in Marathon County to provide 16 adult inpatient psychiatric beds, 5 beds for emergency stabilization, and 5 beds for detoxification and substance use treatment.</p>	<p>North Central Health Care and the County are in the process of constructing a new facility that will add 62 additional beds providing psychiatric and behavioral health services. The breakout of the proposed increase is outlined below.</p> <ul style="list-style-type: none"> • Proposed Net Increase: +62 <ul style="list-style-type: none"> ○ Youth Bed: +8 ○ Adult Psychiatric Beds: +4 ○ Emergency Stabilization: +3 ○ Adult Crisis Stabilization: +4 ○ Detox: +5 ○ Residential Treatment: +38
<p>The organization provides mental and behavioral health services in the north central region of the state and has a campus in Marathon County.</p> <p>The organization shall serve individuals, including individuals who meet the criteria for emergency detention under s. 51.15 or 51.45, who are from Forest, Langlade, Lincoln, Marathon, Oneida, and Vilas Counties.</p>	<p>This grant will be awarded to Marathon County and North Central Health Care to carry out the service provisions established in the grant. Marathon County will utilize the state funds to renovate the facility in order to expand services as outlined here. Marathon County will in turn, pursuant to the lease terms entered into between Marathon County and North Central Health Care, allow North Central Health Care to operate out of the new facility for the purposes outlined in State statute.</p> <p>North Central Health Care currently provides services to residents from Langlade, Lincoln, and Marathon counties. Through the increased grant funding services will be expanded to include Forest, Oneida, and Vilas counties.</p>
<p>The organization identifies measures that it believes will serve the needs of area residents with behavioral health needs, especially, as a critical component of the measures, in reducing the burden on state-operated facilities.</p>	<p>Proposed Measures</p> <ul style="list-style-type: none"> • Add 8 youth psychiatric beds to address a current gap in mental health services for youth • Transition adult psychiatric beds to single occupancy • Add 5 inpatient detoxification beds to address a current service gap • Expand crisis and emergency services to perform onsite medical clearance for patients • Opening new medically monitored treatment bed to address substance abuse disorder side of care.
<p>The organization agrees to annually report to the legislature, in the manner described under s. 13.172 (2), the services provided with the resources funded by the grant awarded under this subsection, including the number of individuals diverted from state-operated mental health institutes.</p>	<p>North Central Health Care will submit an annual report to the chief of the clerk of each house of the legislature by the end of the first quarter of the following year. This report will provide a summary of services provided including a report on the following metric:</p> <ul style="list-style-type: none"> • The number of individuals diverted from the State-operated mental health facilities.

PREVIOUS ACTION: This project was enumerated in 2021 Wisconsin Act 58.

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee

Full Commission

12. Eau Claire County – Request the release of \$15,000,000 Building Trust Funds (BTF) to Hospital Sisters Health System (HSBS) to aid in the expansion of psychiatric beds serving 29 counties in northeastern Wisconsin pursuant to 2021 Wisconsin Act 58.

This project was enumerated in 2021 Wisconsin Act 58.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #12**

AGENCY: Non-State Grant

NSG CONTACT: Toni Simonson, (715) 717-7522, toni.simonson@hshs.org

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: Eau Claire County

PROJECT REQUEST: Request the release of \$15,000,000 Building Trust Funds (BTF) to Hospital Sisters Health System (HSHS) to aid in the expansion of psychiatric beds serving 29 counties in northeastern Wisconsin pursuant to 2021 Wisconsin Act 58.

PROJECT NUMBER: 21J10

PROJECT DESCRIPTION:

2021 Wisconsin Act 58 contains a provision authorizing a \$15,000,000 grant to a health system located in Eau Claire County in order to expand psychiatric bed capacity addressing a current service gap while reducing the burden on the Winnebago Mental Health Institute.

HSHS has been in existence in Eau Claire and Chippewa Counties since 1948. In 2020 Sacred Heart Hospital in Eau Claire and St Joseph’s Hospital in Chippewa Falls provided care for 26,409 emergency room visits, admitted 9,454 patients, registered 107,834 outpatient patients, and carried out 4,743 surgeries¹. It has been designated by the Department of Administration as an organization that fully meets the grant criteria established in Act 58. HSHS is seeking the release of the grant funding contained in 2021 Wisconsin Act 58 for partial funding to add 22 psychiatric beds and services between Sacred Heart and St. Joseph’s hospitals.

PROJECT JUSTIFICATION/FUNDING:

Under 2021 Wisconsin Act 58, the State Building Commission may authorize up to a total \$15,000,000 BTF to an organization in order to expand the number of psychiatric beds serving 29 counties in northeastern Wisconsin. The organization receiving these funds must meet the following grant terms identified in the table below. Within the table HSHS has demonstrated how the organization meets the established criteria.

Eau Claire: Psychiatric Beds Non-State Grant-WI Act 58	
Grant Criteria	Grantee Submission
The health system has a hospital that is located in Eau Claire County, south of the Chippewa River, and northeast of the intersection of STH 37 and USH 12 and has a hospital in Chippewa County.	Both hospitals that will add beds are within required location: HSHS Sacred Heart Hospital – 900 W Clairemont Avenue, Eau Claire, WI 54701

¹ HSHS-2020 Annual Report (February 2021): <https://www.hshs.org/HSHSFamily/media/HSHS-WI/Documents/HSHS-WI-Annual-Report.pdf>

	HSHS St. Joseph’s Hospital – 2661 County Hwy I, Chippewa Falls, WI 54729
<p>The health system agrees to expand psychiatric bed capacity by 22 beds between the Eau Claire County hospital and the Chippewa County hospital. A hospital shall give preference in admissions to fill beds added under this subdivision to individuals who meet the criteria for emergency detention under s. 51.15 and who are from Ashland, Barron, Bayfield, Buffalo, Burnett, Chippewa, Clark, Douglas, Dunn, Eau Claire, Iron, Jackson, La Crosse, Lincoln, Marathon, Monroe, Oneida, Pepin, Pierce, Polk, Price, Rusk, Sawyer, St. Croix, Taylor, Trempealeau, Vilas, Washburn, or Wood Counties.</p>	<p>HSHS Sacred Heart Hospital and HSHS St. Joseph’s Hospital will ensure individuals from the 29 designated counties will be provided preference in admission to fill the added 22 beds. Triage of admissions will occur to ensure the 29 counties receive preference into the added 22 beds.</p>
<p>The health system identifies measures that it believes will serve the needs of area residents with mental health needs, especially, as a critical component of the measures, in reducing the burden on the Winnebago Mental Health Institute.</p>	<p>Proposed Measures:</p> <ul style="list-style-type: none"> • Addition of 22 Inpatient Behavioral Health Beds located between St. Joseph’s Hospital in Chippewa Falls, and Sacred Heart Hospital in Eau Claire. • Services are intended to keep patients safe, assess issues that resulted in hospitalization, treat their mental illness, meet basic care needs, provide physical healthcare, and work toward an effective discharge plan. • The treatment program is structured, therapeutic, and evidence-based, and includes; nursing care, social work, occupational therapy & recreational therapy. The program utilizes Dialectical Behavioral Therapy as a primary treatment modality.
<p>The health system agrees to annually report to the legislature, in the manner described under s. 13.172 (2), the services provided with the resources funded by the grant awarded under this subsection, including the number of individuals diverted from the Winnebago Mental Health Institute.</p>	<p>HSHS Sacred Heart Hospital & HSHS St. Joseph’s Hospital will submit an annual report to the chief clerk of each house of the legislature by the end of the first quarter of the following year. This report will provide a summary of services provided Along with updates on the following metrics:</p> <ol style="list-style-type: none"> 1. 30-Day Readmissions Rates – Measure of Success: 30-Day Readmission Rates will be below state rate (data from Wisconsin 2020 Mental National Outcome Measures (NOMS): SAMHSA Uniform Reporting System) State Rate = 11.2% (10.8% Adults; 13.1% Children) 2. Occupancy Rate – Measure of Success: A minimum of 11 beds will be occupied, or reserved, for individuals initially admitted under an emergency detention. 3. Timeliness of Care – Measure of Success: Median Time from Decision to Admit to Emergency Department Departure will be below National Average (7.315 hours – data from the National Institute of Health). State specific data is not available.
<p>The health system recognizes that it is liable to repay the grant funds to the state if it fails to continue to maintain the expanded services and number of expanded psychiatric beds available. The amount the health system is liable for repayment is reduced proportionately each year for 10 years of continuing expanded services as described under par. (c).</p> <p>a. A determination of continued services shall be based on findings that the health system does all of the following: 1. Maintains an agreed upon number of beds for acceptance of admissions for emergency detention under s. 51.15. The health system is considered to be in compliance with this subdivision if at least half of the expanded psychiatric beds under par. (b) 2. are available for individuals who are initially admitted under an emergency detention under s. 51.15. 2. Enters into a contract</p>	<p>HSHS Sacred Heart Hospital and HSHS St. Joseph’s Hospital are dedicated to providing services to the population of people with mental health needs and have no plan to discontinue providing this service.</p> <ul style="list-style-type: none"> • HSHS Sacred Heart Hospital and HSHS St. Joseph’s Hospital will provide a bed count in the annual report. This report will also include the number of patients initially admitted under an emergency detention. • HSHS Sacred Heart Hospital and HSHS St. Joseph’s Hospital will seek to enter into a contract with each 29 counties identified, to provide inpatient behavioral health services. • Payment source is currently not a factor in determining admission for patients under an emergency detention and this will not change. Currently, all other coverage the individual has

<p>with, at minimum, two-thirds of the counties specified in par. (b) 2. in which at least one of the hospitals agrees to do all of the following:</p> <p>b. Accept for admission under an emergency detention individuals regardless of payment source. c. Accept any individual subject to an emergency detention from the county unless all psychiatric beds added under par. (b) 2. are filled. The hospital may set its payment rate based on the acuity of the individual being detained. d. Ensure the county department is the secondary payer after any other coverage the individual has is exhausted.</p> <p>c. (d) Notwithstanding s. 150.93, any hospital that expands psychiatric bed capacity under this subsection may increase its approved bed capacity.</p>	<p>is exhausted before billing the county. This practice will continue.</p> <ul style="list-style-type: none"> • HSHS Sacred Heart Hospital and HSHS St. Joseph's Hospital will be the receiver of individuals subject to an emergency detention, unless there are no beds available, or the individuals needs exceed the capability of the behavioral health units (aggressive or dangerous behaviors exceed the hospitals' ability to ensure the safety of staff and other patients); medical needs of patient exceed what can be provided on an inpatient behavioral health unit)
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PREVIOUS ACTION: This project was enumerated in 2021 Wisconsin Act 58.

October 20, 2021

Subcommittee

Full Commission

HIGHER EDUCATION

University of Wisconsin

13. UW-Oshkosh – Clow Hall/Nursing Education Renovation, Phase II – Request the following:

- a) Approve the Design Report; and
- b) Authority to construct the Clow Hall/Nursing Education Renovation, Phase II project for an estimated total cost of \$26,974,000 GFSB.

In August 2020, the SBC granted authority to release \$1,399,000 (\$500,000 Building Trust Funds (BTF)-Planning and \$899,000 PR-CASH) to complete the design for the UW-Oshkosh Clow Hall Renovation, Phase II project.

This project was enumerated in 2021 Wisconsin Act 58 for \$26,974,000 GFSB.

Subcommittee	Full Commission

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #13**

AGENCY: University of Wisconsin System

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: UW-Oshkosh, Winnebago County

PROJECT REQUEST: Requests the following:

- a) Approve the Design Report; and
- b) Authority to construct the Clow Hall/Nursing Education Renovation, Phase II project for an estimated total cost of \$26,974,000 GFSB.

PROJECT NUMBER: 20D2G

PROJECT DESCRIPTION:

This phase of the project will complete the remodeling and renovation of the Clow Hall/Nursing Education Building complex for the College of Education and Human Services, the College of Letters and Science, and the College of Nursing at UW-Oshkosh.

The project remodels and renovates 87,381 GSF to correct space deficiencies by remodeling and reconfiguring lecture halls, classrooms, learning laboratories, and office space utilized by faculty and department staff. The project also upgrades the electrical, mechanical, and technology systems throughout the building. The project also redevelops 12,365 GSF of space vacated by the Children Care and Learning Center within Swart Hall into a College of Letters and Sciences (COLS) dean's suite, faculty offices, a math tutoring lab, a general access classroom, and a forensics lab.

PROJECT JUSTIFICATION:

The Nursing/Education building (87,381 GSF) was constructed in 1970 with a main structure of two stories and a basement. Connected at the basement level to the second floor is a six-story faculty building and the Clow Social Science Center classroom building. Both the Clow building and the Nursing Education building have numerous functional, maintenance, and ADA issues that can only be remedied with a comprehensive renovation. Instructional labs and classrooms are in poor condition and are no longer able to accommodate current methods of teaching that are required for the programs.

BUDGET/SCHEDULE:

Construction	\$18,844,000
Design	\$2,109,000
DFD Mgt	\$859,400
Contingency	\$2,638,600
Equipment	\$2,523,000
TOTAL	\$26,974,000

SBC Approval	Oct 2021
A/E Selection	Jun 2020
Design Report	Oct 2021
Bid Opening	Dec 2021
Start Construction	Feb 2022
Substantial Completion	May 2023
Final Completion	Dec 2023

PREVIOUS ACTION: In August 2020, the SBC granted authority to release \$1,399,000 (\$500,000 Building Trust Funds (BTF)-Planning and \$899,000 PR-CASH) to complete the design for the UW-Oshkosh Clow Hall Renovation, Phase II project.

This project was enumerated in 2021 Wisconsin Act 58 for \$26,974,000 GFSB.

DESIGN REPORT

DIVISION OF FACILITIES DEVELOPMENT
101 East Wilson Street, 7th Floor
Post Office Box 7866
Madison, WI 53707

October 20, 2021

Clow Science Center & Nursing Education Building Renovation Phase II
UW-Oshkosh
Oshkosh, WI

Project Number: 20D2G

For the: University of Wisconsin

Project Manager: Robert Hoffmann

Architect/Engineer: Kahler Slater
Milwaukee, WI

1. Project Description:

This phase will complete the remodeling and renovation of the Clow Hall/Nursing Education Building complex for the College of Education and Human Services, the College of Letters and Science, and the College of Nursing at UW-Oshkosh. This project will remodel and renovate 79,982 GSF to correct space deficiencies in the four-building complex. Scope includes remodeling and reconfiguring lecture halls and classrooms, learning laboratories, and faculty and departmental offices and will address electrical, mechanical, and technology upgrades throughout.

The project also includes the renovation of 6,750 GSF on first floor of Swart Hall for a College of Letters and Science Dean's suite which is currently located in the Nursing Education Building.

2. Authorized Budget and Funding Source:

In August 2020, the SBC granted authority to release \$1,399,000 (\$500,000 Building Trust Funds (BTF)-Planning and \$899,000 PR-CASH) to complete the design for the UW-Oshkosh Clow Hall Renovation, Phase II project.

This project was enumerated in 2021 Wisconsin Act 58 for \$26,974,000 GFSB.

3. Schedule:

Bid Opening:	Dec 2021
Start of Construction:	Feb 2022
Substantial Completion / Occupancy:	Dec 2022
Final Completion	Dec 2023

4. Budget Summary:

Construction:	\$18,844,000
A/E Fees:	\$2,109,000
DFD Mgt:	\$859,400
Contingency:	\$2,638,600
Equipment:	\$2,523,000
Total Project Cost:	\$26,974,000

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee

Full Commission

14. UW-Oshkosh – Special Assessment – Request authority to release the payment of \$1,359,029 PR-CASH for a Special Assessment to the City of Oshkosh for a roadway and utility improvement project on Algoma Boulevard, Vine Avenue, and vacated Blackhawk Street.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #14**

AGENCY: University of Wisconsin System

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu
DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: UW-Oshkosh, Winnebago County

PROJECT REQUEST: Request authority to release the payment of \$1,359,029 PR-CASH for a Special Assessment to the City of Oshkosh for a roadway and utility improvement project on Algoma Boulevard, Vine Avenue, and vacated Blackhawk Street.

PROJECT DESCRIPTION:

Pursuant to Wis. Stats. 66.703(6) and 66.0705 (2) regarding Special Assessments by Local Ordinance, if the assessment to a state property is \$50,000 or more, the affected state agency must submit a request to the State Building Commission for review and approval. No project for which the State is assessed \$50,000 or more may be commenced and no contract for the project may be let without the approval of the assessment by the SBC under sub-section VIII, Part H.

This project will reconstruct approximately one mile of roadway, along with the corresponding utilities, on Algoma Boulevard and Vine Avenue in the City of Oshkosh. This project was funded by the City of Oshkosh in their FY22 capital budget. The total project budget is \$11.5 million; the University's share of project is approximately \$1.4 million, 12% of the total project budget.

The project will expand Algoma Boulevard to accommodate two travel lanes, a bike lane, and a parking lane. The project scope also includes repairing deteriorated sidewalks and replacing the sewer, water, and stormwater utilities along the roadway. The project is scheduled to begin in March 2022 and be completed at some point in the fall of 2022.

The project will also reconstruct Vine Avenue from Algoma Boulevard to High Street. This portion of the project will ensure there is adequate stormwater drainage for the Algoma Boulevard reconstruction project. There is currently no stormwater infrastructure along this portion of roadway.

PROJECT JUSTIFICATION:

The City of Oshkosh has funded these projects to replace street and utility infrastructure that has exceed its useful life. Per the City of Oshkosh 2022-26 Managed Recommended Capital

Improvement Plan², the existing street pavement was replaced in 1982, 2001, and 2011. The existing water infrastructure dates to pre-1920s, while the stormwater and sewer components to the 1930s and 1960s. Completion of the project was called for in the following City’s plans: Bicycle & Pedestrian Master Plan (2019), Water Distribution System Hydraulic Model and Planning Study (2013) and Grouped Watershed Modeling (2011).

In addition to the University, other property owners within the project boundaries will also pay a portion of the assessable costs (allocated based on frontage linear feet). The assessment rates are based on the estimated project budget. The final amount assessed will be adjusted to reflect the actual project costs following completion in fall 2022. The University will incur the actual cost for this project after the project has been completed.

BUDGET/SCHEDULE:

This project will be delivered by the City of Oshkosh. The University of Wisconsin is being assessed their share of the project costs, per the City of Oshkosh assessment policies. The University’s share of the total project budget is 12%. The table below summarizes the project cost by entity.

Entity	Cost Share	Percent
University of Wisconsin	\$1,359,029	12%
Other Assessments	\$302,871	3%
City of Oshkosh	\$9,838,100	86%
TOTAL PROJECT	\$11,500,000	100%

PREVIOUS ACTION: None.

² City of Oshkosh-2022-26 Manager Recommended Capital Improvement Plan (June 2021): [https://www.ci.oshkosh.wi.us/PublicWorks/CapitalImprovements/2022-2026 Manager Recommended Capital Improvement Plan.pdf](https://www.ci.oshkosh.wi.us/PublicWorks/CapitalImprovements/2022-2026%20Manager%20Recommended%20Capital%20Improvement%20Plan.pdf)

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee

Full Commission

15. UW-Stout – South Hall Addition and Renovation –
Request the following:

- a) Approve the Design Report; and
- b) Authority to construct the South Hall Addition and Renovation project for an estimated total cost of \$25,000,000 PRSB.

This project was enumerated in 2019 Wisconsin Act 9 for \$35,015,000 PRSB.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #15**

AGENCY: University of Wisconsin System

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: UW-Stout, Dunn County

PROJECT REQUEST: Request the following:

- a) Approve the Design Report; and
- b) Authority to construct the South Hall Addition and Renovation project for an estimated total cost of \$25,000,000 PRSB.

PROJECT NUMBER: 20A1E

PROJECT DESCRIPTION:

This project renovates South Hall, a student residence hall on the UW-Stout campus. The project's scope includes infrastructure upgrades and programmatic improving the functionality and efficiency of the building. These improvements will be the bring into code compliance for ADA accessibility and fire protection. The building improvements include a new accessible building entrance and a passenger elevator, ADA accessible bathrooms on all floors, and upgraded room finishes, hardware, and interior doors. The mechanical, electrical, and plumbing systems (including associated controls), telecommunications, and security and life safety systems will be replaced. The exterior windows, doors, frames, and door hardware will be replaced, and all roofing systems will be replaced, including increasing insulation. Exterior masonry repair, tuck-pointing, and caulking will be performed on the building envelop to restore its integrity and improve energy efficiency. Asbestos abatement will be performed as necessary. New telecommunication rooms will be constructed. The fire alarm and smoke detection system will be replaced and augmented as needed to meet current code requirements and a new automatic sprinkler system will be installed.

PROJECT JUSTIFICATION:

South Hall (75,844 GSF) was constructed in 1967 and has not undergone any major renovation since opening. Most of the original building heating and ventilation systems perform poorly and require constant maintenance to sustain operations. The HVAC equipment and piping are original and have lasted significantly beyond their expected useful lives. Portions of the mechanical and electrical infrastructure do not serve present needs and additional electrical power panel boards are required to provide adequate capacity for resident rooms. All electrical and telecommunications distribution equipment is obsolete and needs replacement. The medium voltage distribution system should be upgraded to a loop configuration. Plumbing fixtures, water piping and valves, water heaters, waste/vent piping, and roof drains need replacement. The water service is not adequate to supply a fire sprinkler system. The fire alarm system

notification panels need replacement to comply with code compliant notification requirements. The building entrance and bathrooms do not meet current accessibility standards and require improvements to facilitate maintenance activities and reduce operational costs. Asbestos-containing materials need to be abated to facilitate the proposed renovation work. Accessibility to each floor will be provided; this building does not currently have an elevator.

BUDGET/SCHEDULE:

Construction	\$17,400,000
Design	\$1,220,000
DFD Mgt	\$801,000
Contingency	\$2,529,000
Equipment	\$2,900,000
Other Fees	\$150,000
TOTAL	\$25,000,000

SBC Approval	Oct 2021
A/E Selection	Nov 2020
Design Report	Oct 2021
Bid Opening	Feb 2022
Start Construction	May 2022
Substantial Completion	Aug 2023
Final Completion	Jul 2024

PREVIOUS ACTION: This project was enumerated in 2019 Wisconsin Act 9 for \$35,015,000 PRSB.

DESIGN REPORT

DIVISION OF FACILITIES DEVELOPMENT
101 East Wilson Street, 7th Floor
Post Office Box 7866
Madison, WI 53707

October 20, 2021

South Hall Addition & Renovation
UW-Stout
Menomonie, WI

Project Number: 20A1E

For the: University of Wisconsin

Project Manager: Evan Quilling

Architect/Engineer: Ramlow/Stein, Inc.
Milwaukee, WI

1. Project Description:

This project renovates the student residence South Hall to provide programmatic and infrastructure upgrades that will improve functionality, efficiency, and building code compliance. It also constructs a new accessible building entrance, expanded restrooms on each floor, and a passenger elevator.

The bathrooms on each floor will be remodeled to be ADA accessible. All room finishes will be replaced or upgraded. All interior doors and door hardware will be replaced. All mechanical, electrical, and plumbing (MEP) systems and associated controls; telecommunications; and security and life safety systems will be replaced. All exterior windows, doors, frames and door hardware will be replaced. All roofing systems will be replaced, including increasing the insulation. Exterior masonry repair, tuck-pointing, and caulking will be performed on the building envelope to restore the integrity and improve energy efficiency. Asbestos abatement will be performed as necessary. New telecommunication rooms will be constructed. The fire alarm and smoke detection system will be replaced and augmented as needed to meet current code requirements, and a new automatic sprinkler system will be installed.

2. Authorized Budget and Funding Source:

This project was enumerated in 2019 Wisconsin Act 9 (\$35,015,000 PRSB).

3. Schedule:

Bid Opening:	Feb 2022
Start of Construction:	May 2022
Substantial Completion / Occupancy:	Aug 2023
Final Completion	Jul 2024

4. Budget Summary:

Construction:	\$17,400,000
A/E Fees:	\$1,220,000
DFD Mgt:	\$805,000
Contingency:	\$2,529,000
Equipment:	\$2,900,000
Other Fees:	\$150,000
Total Project Cost:	\$25,000,000

October 20, 2021

Subcommittee	Full Commission
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16. UW-System – 2019-21 Minor Facilities Renewal

Program Groups 2 and 3 – Request the following:

- a) Authority to release \$5,047,000 (\$3,482,000 GFSB and \$1,565,000 PRSB) of the total \$30,000,000 (\$24,000,000 GFSB and \$6,000,000 PRSB) allocation of the 2019-21 Minor Facilities Renewal Program Group 2;
- b) Authority to release \$2,888,000 GFSB of the total \$30,000,000 (\$24,000,000 GFSB and \$6,000,000 PRSB) allocation of the 2019-21 Minor Facilities Renewal Program Group 3;
- c) Authority to construct the specified projects for an estimated total cost of \$7,935,000 (\$6,370,000 GFSB and \$1,565,000 PRSB); and
- d) Permit the Division of Facilities Development to adjust individual project budgets within the 2019-21 Minor Facilities Renewal Program Groups 2 and 3.

2019-21 Minor Facilities Renewal, Group 2		\$5,047,000
MSN	Site Utility Electrical Sys Reno & Repl	\$5,047,000
	(\$3,482,000 GFSB; \$1,565,000 PRSB)	

2019-21 Minor Facilities Renewal, Group 3		\$2,888,000
MSN	Multi Building Elevator Replacement	\$2,888,000
	(\$2,888,000 GFSB)	

2019 Wisconsin Act 9 authorized \$90 million for UW Minor Facility Improvement projects in three categories, Group 1, 2, and 3. To date, the SBC has authorized \$51.614 million from these enumerations.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #16**

AGENCY: University of Wisconsin System

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: UW System, Statewide

- PROJECT REQUEST:** Request the following:
- a) Authority to release \$5,047,000 (\$3,482,000 GFSB and \$1,565,000 PRSB) of the total \$30,000,000 (\$24,000,000 GFSB and \$6,000,000 PRSB) allocation of the 2019-21 Minor Facilities Renewal Program Group 2;
 - b) Authority to release \$2,888,000 GFSB of the total \$30,000,000 (\$24,000,000 GFSB and \$6,000,000 PRSB) allocation of the 2019-21 Minor Facilities Renewal Program Group 3;
 - c) Authority to construct the specified projects for an estimated total cost of \$7,935,000 (\$6,370,000 GFSB and \$1,565,000 PRSB); and
 - d) Permit the Division of Facilities Development to adjust individual project budgets within the 2019-21 Minor Facilities Renewal Program Groups 2 and 3.

2019-21 MINOR FACILITIES RENEWAL, GROUP 2

INST	PROJ. NO.	PROJECT TITLE	GFSB	PRSB	TOTAL
MADISON (Dane Co.)	19G2E	Site Utility Electrical Distribution System Renovation & Replacement	\$3,482,000	\$1,565,000	\$5,047,000
2019-21 MFR, GROUP 2 SUBTOTALS			\$3,482,000	\$1,565,000	\$5,047,000

2019-21 MINOR FACILITIES RENEWAL, GROUP 3

INST	PROJ. NO.	PROJECT TITLE	GFSB	PRSB	TOTAL
MADISON (Dane Co.)	19G2P	Multi-Building Elevator Replacement	\$2,888,000	\$0	\$2,888,000
2019-21 MFR, GROUP 3 SUBTOTALS			\$2,888,000	\$0	\$2,888,000

	GFSB	PRSB	TOTAL
OCTOBER 2021 TOTALS	\$6,370,000	\$1,565,000	\$7,935,000

UW-Madison – Site Utility Electrical Distribution System Renovation & Replacement (19G2E):

Project Description and Justification:

This project seeks to improve electrical distribution to the west end of the Madison campus while also creates redundancies in the electrical distribution system. The project includes two

components: ductbank installation from Walnut Street to Observatory Drive and switching station feeders from Athletic Operations to Dayton Street.

The Walnut Street to Observatory Drive component of the project seeks to create a path to distribute electricity from the Walnut Street Switching Station to a utility pit located on Observatory Drive. This work will include installing 1,450 LF of electrical duct package comprised of 18 electrical conduits. This component of the project will increase the electrical supply to the west side of campus.

The Athletic Operations to Dayton Street component of the project will connect two switching stations together in order to create a redundancy for distribution. This will be done by installing four sets of conductors through underground ducts creating two new paralleled feeders connecting the switching stations. This redundancy will resolve an area with a high incident rate of malfunctions and outages caused by overhead transmission lines. This installation is most critical when nationally broadcast athletic events are taking place within Camp Randall Stadium and the associated area.

Upon completion of the individual project components, all areas disturbed by the project will be fully restored, including roadways and gutters, pedestrian walkways, terraces, landscaping features, and site structures. Project work also includes traffic controls phasing drawings as required.

Budget/Schedule:

Construction	\$3,769,200
Design	\$471,200
DFD Mgt	\$176,000
Contingency	\$630,600
TOTAL	\$5,047,000

SBC Approval	Oct 2021
A/E Selection	Jan 2020
Bid Opening	Jan 2022
Start Construction	May 2022
Substantial Completion	May 2023
Final Completion	Nov 2023

UW-Madison – Multi-Building Elevator Replacement (19G2P):

Project Description and Justification:

This project replaces elevators in seven facilities on the Madison campus: Babcock Hall, Bascom Hall, Below Alumni Center, Elvehjem Museum of Art, Ingraham Hall, Lathrop Hall, and Memorial Library. The project’s scope includes replacing the elevator controller, power or pumping unit, car, hoist way doors, operating equipment, car door sills, car operating panels, car rollers/guides, and the hoist system (hydraulic jack and buffers or machine and ropes). All safety equipment, including safeties, governor, governor ropes, buffers, and rope grippers will be upgraded, and all cab fixtures will be vandal-proof. The scope also includes upgrading the cab interior and lighting. Microprocessor-based control systems will be evaluated to improve energy consumption and improve traffic management. The elevator machine room heating and cooling systems and the fire alarm system connections and capabilities will be replaced or augmented, as necessary, to satisfy the equipment warranties and to meet current codes. The elevators will also be connected to the campus wide building automation system for better monitoring. The elevator door access and operation will be designed to meet current ADA requirements.

All elevators and controls listed in this project are at the end of their useful life and many are obsolete. Parts for repairs are very difficult to obtain or are non-existent due to the age of the elevators (Ingraham Hall, 56 years old; Elvehjem Museum of Art, 48 years old; Bascom Hall, 45 years old). The controller and power units are functional but inefficient and many of the elevators do not connect to the campus automated building system. The cab interiors are worn, dated, and their control systems do not meet current safety standards. For some, the replacement parts are no longer manufactured so repair work is conducted with scrapped or modified parts. Elvehjem and Bascom Hall elevators are both single-bottom, hydraulic jack style units and do not meet current building code standards. These types of elevators pose potential safety issues, including leaking and loss of hydraulic oil.

Budget/Schedule:

Construction	\$2,205,700	SBC Approval	Oct 2021
Design	\$342,200	A/E Selection	Jun 2020
DFD Mgt	\$97,100	Bid Opening	Feb 2022
Contingency	\$221,500	Start Construction	May 2022
Other Fees	\$21,500	Substantial Completion	Sep 2023
TOTAL	\$2,888,000	Final Completion	Jun 2024

Previous Action:

2019 Wisconsin Act 9 authorized \$90 million for UW Minor Facility Improvement projects in three categories, Group 1, 2, and 3. To date, the SBC has authorized \$51.614 million from these enumerations. The table below summarizes projects previously authorized by the SBC from these enumerations.

Group	SBC Mtg	Project	Amount Authorized
Group 1	Aug 2020	GBY – Mary Ann Cofrin Hall/Wood Hall Exterior Envelope Repair (19G1Z)	\$6,058,300
	Dec 2020	MIL - Engineering & Mathematical Sciences Building Mechanical/Electrical/Plumbing Systems Infrastructure Renovation (19G2B)	\$6,558,700
	Dec 2020	STO - Site Utility Steam Distribution System Replacement (19G2A)	\$5,223,500
	Feb 2021	MSN - Multi-Building Fire Alarm System Replacement and Renovation, Phases 8-9 (19E3M)	\$5,955,000
		2019/21 Group 1 Subtotal	\$23,795,500
Group 2	Feb 2021	MSN - Site Utility Steam Distribution Pits 4/13-79/12 Replacement (19G2C)	\$6,238,000
	May 2021	MIL - Mitchell Hall Exterior Envelope Repair & Window Replacement (19G2G)	\$6,941,500
		2019/21 Group 2 Subtotal	\$13,179,500
Group 3	Oct 2020	MIL - Multi-Building Exterior Envelope Repair (19G2O)	\$3,708,000
	Oct 2020	PLT - Karmann Library HVAC System Renovation/Skylight Replacement (19G2Y)	\$4,798,000
	May 2021	WTW - McGraw Hall Exterior Entrance Repair (19G2M)	\$3,000,000
	Aug 2021	OSH – Gruenhagen Hall Plumbing Riser Replacement (19G2L)	\$3,133,000
		2019/21 Group 3 Subtotal	\$14,639,000

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee	Full Commission
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17. UW-System – 2021-23 Minor Facilities Renewal Group

2 – Request the following:

- a) Authority to release \$7,397,000 GFSB of the total \$43,798,000 (\$36,457,000 GFSB and \$7,341,000 PRSB) allocation of the 2021-23 Minor Facilities Renewal Program Group 2;
- b) Authority to construct the specified projects for an estimated total cost of \$7,397,000 GFSB; and
- c) Permit the Division of Facilities Development to adjust individual project budgets within the 2021-23 Minor Facilities Renewal Program Group 2.

2021-23 Minor Facilities Renewal, Group 2	\$7,397,000
STO Jarvis Tech Wing Lab Infrastructure Reno	\$7,397,000
(\$7,397,000 GFSB)	

2021 Wisconsin Act 58 authorized \$100,427,000 for UW Minor Facility Renewal projects in two categories, Groups 1 and 2. This proposed action is the first for the recent enumeration.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #17**

AGENCY: University of Wisconsin System

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: UW System, Statewide

- PROJECT REQUEST:** Request the following:
- a) Authority to release \$7,397,000 GFSB of the total \$43,798,000 (\$36,457,000 GFSB and \$7,341,000 PRSB) allocation of the 2021-23 Minor Facilities Renewal Program Group 2;
 - b) Authority to construct the specified projects for an estimated total cost of \$7,397,000 GFSB; and
 - c) Permit the Division of Facilities Development to adjust individual project budgets within the 2021-23 Minor Facilities Renewal Program Group 2.

2021-23 MINOR FACILITIES RENEWAL, GROUP 2

INST	PROJ. NO.	PROJECT TITLE	GFSB	PRSB	TOTAL
STOUT (Dunn Co.)	20B2I	Jarvis Technology Wing Laboratory Infrastructure Renovation	\$7,397,000	\$0	\$7,397,000
2021-23 MFR, GROUP 2 SUBTOTALS			\$7,397,000	\$0	\$7,397,000
			GFSB	PRSB	TOTAL
OCTOBER 2021 TOTALS			\$7,397,000	\$0	\$7,397,000

UW-Stout - Jarvis Hall Tech Wing Laboratory Renovation (20B2I):

Project Description and Justification:

The project's scope includes removing the dust collection systems for laboratories 157, 158, and 170. This includes: ductwork, hangers, controls, electrical conduit and wiring, collectors, and service platforms, saw cutting masonry walls for new ductwork openings, installation of new, replacement dust collection systems including ductwork, hangers, control gates, electrical controls and grounding, fire protection sprinklers, service platforms, collector units, and flexible collection tubing to existing equipment. The building's HVAC system will be rebalanced for makeup air flow. The domestic water supply line for the Plastics Laboratory 170 will be removed and replaced with a larger capacity line. Project work includes core drilling the concrete floor slab to extend a new line from the meter located in the basement of Micheels Hall to the first floor, then extending the line from the first floor into Jarvis Hall Tech Wing above the suspended acoustical ceiling into the laboratory and installing individual extensions to existing equipment. The domestic water line will also be extended to the new dust collection systems to provide fire protection. This project will replace three interior laboratory entry door and frame assemblies from the main circulation corridor with new overhead doors to each laboratory. Project work includes selective demolition of interior concrete masonry unit partition walls to

create larger openings for the overhead doors, installation of structural lintels in those openings and individual electrical power and controls for each overhead door. All interior finishes and interior or exterior penetrations impacted by the removal and replacement project work will be patched, closed, and refinished to match existing.

The Jarvis Hall Tech Wing was constructed in 1970 and the dust collectors are original to the building. There have been no major renovations to this facility since original construction. The units are failing, the hoppers are rusted out and although they have been repeatedly patched, they are no longer able to contain the dust. Exhaust duct drops for equipment have been added, many parts have been altered, and the system integrity is questionable. The current system is undersized, does not include fire protection to handle the explosive nature of sawdust, and lacks modern safety enhancements and features. The domestic water supply to the Plastics Laboratory is used to cool the equipment and is inadequate to properly serve its intended purpose, which negatively impacts the performance and life of the equipment when it overheats. Furthermore, the restrooms in Jarvis Hall Tech Wing experience low pressure, which results in inadequate flow for proper flushing. The laboratory entry doors have inadequate height and width to accommodate modern engineering equipment. The new overhead doors will allow adequate openings for the modern equipment to be installed, which will increase laboratory utilization and improve pedagogy. The increasing enrollment in engineering and technology majors has put additional pressure on the limited laboratory space and existing equipment. Without the ability to install larger and modern equipment to increase the flexibility and potential uses of the existing space, program development is at a standstill. This project resolves long-term deferred maintenance in these foundational support laboratories, including the wood fabrication, construction methods, plastic injection, and engineering motor specialties. There are no other spaces on campus that can accommodate these specialized uses.

Budget/Schedule:

Construction	\$5,215,500
Design	\$645,000
DFD Mgt	\$256,800
Contingency	\$1,202,700
Equipment	\$77,000
TOTAL	\$7,397,000

SBC Approval	Oct 2021
A/E Selection	Jun 2020
Bid Opening	Apr 2022
Start Construction	Jun 2022
Substantial Completion	Aug 2023
Final Completion	Dec 2023

Previous Action: 2021 Wisconsin Act 58 authorized \$100,427,000 for UW Minor Facility Renewal projects in two categories, Groups 1 and 2. This proposed action is the first for the recent enumeration.

BUILDING COMMISSION REQUESTS / ITEMS

October 20, 2021

Subcommittee	Full Commission
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18. UW-System – Various All Agency Projects – Request the following:

- a) Authority to construct the All Agency maintenance and repair request(s) listed below;
- b) Transfer all approved allocation of GFSB to the agency’s Infrastructure Maintenance Account; and
- c) Permit the Division of Facilities Development to adjust individual project budgets.

Facility Maintenance and Repair \$10,596,900

MSN	Brogden Psych Exterior Envelope Repair (\$2,981,000 GFSB)	\$2,981,000
MIL	Cunningham HVAC/Window Repl (\$2,987,200 GFSB)	\$2,987,200
MIL	Domestic Water Main Replacement (\$634,800 GFSB; \$179,000 PRSB)	\$813,800
PKS	RTPC Dust Collection Sys Reno (\$652,900 GFSB)	\$652,900
PKS	Sports/Activity Ctr Roof 1/3 Repl (\$628,700 GFSB)	\$628,700
RVF	Wyman Ed Bldg Roof Replacement (\$525,800 GFSB)	\$525,800
STO	Multi Bldg Emergency Generator Repl (\$2,007,500 GFSB)	\$2,007,500
Utility Repair and Renovation \$6,520,200		
GBY	Kress Ctr Parking Lot/Road Repav (\$2,940,100 PR-CASH)	\$2,940,100
MSN	Environ Health/Safety Central Utility (\$2,214,000 GFSB)	\$2,214,000
MSN	WHA Transmitter Repl (Increase) (\$155,000 GFSB; \$69,700 PR-CASH)	\$224,700
STO	Site Data Comms Backbone Install (\$673,400 GFSB; \$468,000 PRSB)	\$1,141,400
Health, Safety & Environmental Protection \$810,000		
PKS	Greenquist Hall Fire Door Replacement (\$810,000 GFSB)	\$810,000

TOTAL \$14,270,300 \$647,000 \$3,009,800 \$17,927,100
GFSB PRSB PR-CASH

In February 2021, the SBC approved the UW-Madison - WHA Transmitter Utility & Boardwalk Replacement project for an estimated total cost of \$374,200 (\$258,200 GFSB and \$116,000 PR-CASH).

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
OCTOBER 2021
REQUEST #18**

AGENCY: University of Wisconsin System

UWSA CONTACT: Alex Roe, (608) 265-0551, aroe@uwsa.edu

DFD CONTACT: Laura Larsen, (608) 261-2435, laura.larsen@wisconsin.gov

LOCATION: UW System, Statewide

PROJECT REQUEST: Request the following:

- a) Authority to construct the All Agency maintenance and repair request(s) listed below;
- b) Transfer all approved GFSB All Agency Allocations to the agency's Infrastructure Maintenance appropriation; and
- c) Permit the Division of Facilities Development to adjust individual project budgets.

FACILITY MAINTENANCE AND REPAIR

INST	PROJ. NO.	PROJECT TITLE	GFSB	PRSB	PR-CASH	TOTAL
MADISON (Dane Co.)	2011G	Brogden Psychology Exterior Envelope Repairs	\$2,981,000	\$0	\$0	\$2,981,000
MILWAUKEE (Milwaukee Co.)	20B1G	Cunningham Hall HVAC System Renovation/Corner Window Replacements	\$2,987,200	\$0	\$0	\$2,987,200
MILWAUKEE (Milwaukee Co.)	20B1L	Domestic Water Main Replacement (Golda Meir Library-Curtin Hall)	\$634,800	\$179,000	\$0	\$813,800
PARKSIDE (Kenosha Co.)	20A3G	Rita Tallent Picken Center Dust Collection System Renovation	\$652,900	\$0	\$0	\$652,900
PARKSIDE (Kenosha Co.)	20H2H	Sports & Activity Center Roof Areas 1 & 3 Replacement	\$628,700	\$0	\$0	\$628,700
RIVER FALLS (Pierce Co.)	20H2I	Wyman Education Building Roof Replacement	\$525,800	\$0	\$0	\$525,800
STOUT (Dunn Co.)	20B2F	Multi-Building Emergency Generator Replacements	\$2,007,500	\$0	\$0	\$2,007,500
FACILITY MAINTENANCE AND REPAIR SUBTOTALS			\$10,417,900	\$179,000	\$0	\$10,596,900

UTILITY REPAIR AND RENOVATION

INST	PROJ. NO.	PROJECT TITLE	GFSB	PRSB	PR-CASH	TOTAL
GREEN BAY (Brown Co.)	2011I	Kress Events Center Parking Lot & Roadway Repaving	\$0	\$0	\$2,940,100	\$2,940,100
MADISON (Dane Co.)	20J1L	Environmental Health & Safety Central Utility Connections	\$2,214,000	\$0	\$0	\$2,214,000
MADISON (Dane Co.)	20B3F	WHA Transmitter Utility & Boardwalk Replacement (Increase)	\$155,000	\$0	\$69,700	\$224,700
STOUT (Dunn Co.)	20B2G	Site Data Communications Redundant Backbone Installation	\$673,400	\$468,000	\$0	\$1,141,400
UTILITY REPAIR AND RENOVATION SUBTOTALS			\$3,042,400	\$468,000	\$3,009,800	\$6,520,200

HEALTH, SAFETY, AND ENVIRONMENTAL PROTECTION

INST	PROJ. NO.	PROJECT TITLE	GFSB	PRSB	PR-CASH	TOTAL
PARKSIDE (Kenosha Co.)	20A3F	Greenquist Hall Fire Door Replacement	\$810,000	\$0	\$0	\$810,000
HEALTH, SAFETY, AND ENVIRONMENTAL PROTECTION SUBTOTALS			\$810,000	\$0	\$0	\$810,000

	GFSB	PRSB	PR-CASH	TOTAL
OCTOBER 2021 TOTALS	\$14,270,300	\$647,000	\$3,009,800	\$17,927,100

UW-Madison – Brogden Psychology Exterior Envelope Repairs (2011G):

Project Description and Justification:

This project improves the performance, restores the integrity, and increases energy efficiency of the exterior envelope. The project scope includes removing and replacing aluminum windows units and storefront entry door systems, selected sections of roofing systems, and joint sealants; and removal of exterior wood door frames and hollow metal doors and replacement with hollow metal frames and doors. Damaged brick masonry and mortar, precast concrete wall panels, cast-in-place concrete foundations, and exterior plaster ceilings will be repaired. New window blinds, penetrating water repellent sealer to precast concrete wall panels, and an ADA accessible ramp will be installed. All steel lintels will be repainted.

Exterior envelope deficiencies were identified in the College of Letters & Science facility master plan condition assessment for the Brogden Psychology Building. Many of the deficiencies are the result of age and lack of comprehensive maintenance efforts. The exterior doors and frames are damaged, window gaskets are failing and require replacement building wide, and integral blinds located in the air space of insulated glazing have failed and are inoperable. The Psychology program serves thousands of undergraduate and graduate students each year and the poor condition of the facility has a negative impact on its ability to attract and retain high quality faculty and graduate students. It also results in environmental closure problems, acoustic issues, and insect infestations.

Budget/Schedule:

Construction	\$2,300,200
Design	\$230,000
DFD Mgt	\$105,900
Contingency	\$344,900
TOTAL	\$2,981,000

SBC Approval	Oct 2021
A/E Selection	Jun 2020
Bid Opening	Feb 2022
Start Construction	May 2022
Substantial Completion	Sep 2022
Final Completion	Dec 2022

Previous Action: None.

UW-Milwaukee – Cunningham Hall HVAC System Renovation/Corner Window Replacements (20B1G):

Project Description and Justification:

This project corrects temperature control issues throughout Cunningham Hall and eliminates water infiltration through the upper floor corner window units. Project work includes increasing the temperature control zones from the subbasement through the seventh floor by installing new variable air volume boxes with hot water control valves, installing new perimeter radiation heat from the fourth through seventh floors to offset drafts and heat transfer through the exterior envelope, and replacing the single pane corner window system to eliminate water infiltration and excessive heat transfer.

Cunningham Hall was first occupied in 1973. The original building envelope, current space use, and limited temperature control zones have led to continuous complaints of discomfort during core heating and cooling months and repeated requests for staff relocation. The building occupants often resort to wearing coats and gloves and/or requesting electric space heaters in the winter and using circulation fans in the summer to stay comfortable. Approximately 27 percent of the service calls dating back to 2005 are mechanical system-related, with about 14 percent associated to temperature control issues. The single-pane corner window systems contribute to the temperature control problem and leak when there is a driving rain, damaging ceiling systems and creating a slipping hazard. The new insulated glass window systems will address both issues.

Budget/Schedule:

Construction	\$2,306,100
Design	\$263,800
DFD Mgt	\$104,800
Contingency	\$312,500
TOTAL	\$2,987,200

SBC Approval	Oct 2021
A/E Selection	May 2020
Bid Opening	Mar 2022
Start Construction	May 2022
Substantial Completion	Sep 2022
Final Completion	Mar 2023

Previous Action: None.

UW-Milwaukee – Domestic Water Main Replacement (Golda Meir Library-Curtin Hall) (20B1L):

Project Description and Justification:

This project replaces the 60-year-old water main in the southeast quad. It supplies domestic and fire protection water to several buildings including: Curtin Hall, Garland Hall, Golda Meir Library, Pearse Hall, and Vogel Hall. Work on the project will be done by utilizing trenchless water main pipe bursting or pipe reaming techniques to minimize the disruption and construction expense that an open excavation would otherwise incur in this congested, utility intensive, high pedestrian traffic part of the campus. This project will excavate two or more deep boring and receiving pits, place boring equipment, intercept existing water main, and ream/burst main as new main is pulled/pushed into the same routing path as the existing service. The intent is to replace pipe lengths with like-size or greater (10-inch and 12-inch) between existing isolation

valves. After completion, site restoration work also includes full hardscape and softscape site restoration. The site is mainly covered with 6-inch concrete as it is a primary plaza/pedestrian corridor through the southeast quad near the campus landmark water fountain. The work will need to proceed with precision and caution as the underground areas are congested with active steam/condensate tunnel and box conduit systems, electrical and signal utilities, telephone, and storm/sewer utilities.

The underground 12-inch and 10-inch ductile water mains have failed twice in the past four years due to age, erosion, and corrosion. In both cases, domestic water service to the buildings listed above had to be shutoff for approximately one-week during each instance, disrupting research in Garland-Pearse, rendering drinking fountains and restrooms unavailable, and triggering a fire watch to be activated due to the loss of the sprinkler systems. These events happened at the beginning of the fall semester and mid-semester causing campus concerns, affecting student/staff events, and impacting academic-research activities. During repair work, the campus plumbing shop and repair contractor collaborated to minimize the shutdown window while carefully examining the cause of each failure. The cause was pipe corrosion and wear to the point of failure. Both leaks were 2- to 3-inch holes right through the side of the ductile piping main with a clear indication of pipe thinning in the vicinity of the failure. The leaks were repaired with clamps as a temporary measure to restore service as soon as possible.

Budget/Schedule:

Construction	\$621,000
Design	\$33,000
DFD Mgt	\$28,600
Contingency	\$93,200
Other Fees	\$38,000
TOTAL	\$813,800

SBC Approval	Oct 2021
A/E Selection	Mar 2020
Bid Opening	Feb 2022
Start Construction	May 2022
Substantial Completion	Aug 2022
Final Completion	Dec 2022

Previous Action: None.

UW-Parkside – Rita Tallent Picken Regional Center for Arts and Humanities Dust Collection System Renovation (20A3G):

Project Description and Justification:

This project installs a new enclosure-less dust collector along with new sawdust collection ductwork to existing machinery and equipment in the stagecraft shop area in the Rita Tallent Picken Regional Center for the Arts and Humanities (RITA) building. The project scope includes installing a new centralized dust collection system in the theater scene shop to handle the following equipment: table saw, radial arm saw, band saw, and computer numeric control router. The new system will include floor ports for debris collection and extraction and a pad-mounted exterior cyclone, blower, and canister with sound-deadening technology and a sound wall to mask sound and sight of the unit. The storage canister for the collection system will handle a minimum 55 gallons capacity. All necessary electrical power system requirements, modification or replacement, and distribution will be included. All necessary building HVAC system interfaces, coordination, controls, and modification will also be included. Penetrating the exterior curtain wall will be required. The design solution will include appropriate measures to

match the existing face brick and provide proper firestop, insulation, through-wall flashing, counter flashing, and tuckpointing around curtain wall penetrations.

The scene shop area was expanded in the building addition, but no centralized dust collection system was installed at that time. The scene shop constructs 15-20 sets per year for theater productions between two theater stages at UW Parkside and through a three-decade long partnership with The Fireside Dinner Theater in Fort Atkinson, Wisconsin. Not only does the scene shop support the arts through show construction, but it also provides valuable hands-on learning for the Theater Arts program at the university. The equipment in use in the scene shop is connected to the factory dust collection bags or modified to collect dust in large trash drums. These drums also take up valuable floor space in the scene shop and produce a lot of dust in the air. A centralized overhead dust collection system will allow for dust to be properly exhausted from the scene shop outside into a central collection bin. This project will improve the working environment and minimize the amount of combustible material in the space.

Budget/Schedule:

Construction	\$494,000
Design	\$62,000
DFD Mgt	\$22,800
Contingency	\$74,100
TOTAL	\$652,900

SBC Approval	Oct 2021
A/E Selection	Mar 2020
Bid Opening	Feb 2022
Start Construction	Apr 2022
Substantial Completion	Aug 2022
Final Completion	Dec 2022

Previous Action: None.

UW-Parkside – Sports & Activity Center Roof Areas 1 & 3 Replacement (20H2H):

Project Description and Justification:

This project replaces two sections and approximately 30,080 SF of roof coverings and completes all other associated ancillary work to maintain the building envelope integrity and prevent damage to the building and its contents. The project scope includes removing and disposing of all ballast materials, loose-laid Ethylene Propylene Diene Monomer (EPDM) membrane, insulation, and other roofing materials; and installing a new fully adhered 60-mil EPDM roofing system. Roofing work will be coordinated around mechanical equipment curbs and other roof penetrations. The replacement membrane roofing system will include new tapered polyisocyanurate insulation to achieve an R30+ code-required thermal performance value. Roof counter flashings and metal roof edges will be replaced as required. All seams, penetrations, etc. will be flashed with manufacturer-approved materials and details to achieve a manufacturer 20-year no dollar limit warranty.

The roof sections are more than 20 years old. Recent site inspections by staff determined that these roof sections are approaching the end of their useful life with a recommended replacement in less than two years. These repairs will extend the life of the roof sections and prevent moisture from penetrating the building envelope.

Budget/Schedule:

Construction	\$485,000
Design	\$48,700
DFD Mgt	\$22,400
Contingency	\$72,600
TOTAL	\$628,700

SBC Approval	Oct 2021
A/E Selection	Oct 2020
Bid Opening	Jan 2022
Start Construction	Mar 2022
Substantial Completion	Aug 2022
Final Completion	Dec 2022

Previous Action: None.

UW-River Falls – Wyman Education Building Roof Replacement (20H2I):**Project Description and Justification:**

This project replaces roof coverings and completes all other associated ancillary work to maintain the building envelope integrity and prevent damage to the building and its contents. The project scope includes replacing 26,000 SF of ballasted, 45-mil Ethylene Propylene Diene Monomer (EPDM) roofing with new, fully adhered 60-mil EPDM membranes. Roofing work will be coordinated around the electrical conduits run across the roofing surface, mechanical equipment curbs, and other roof penetrations to remain and to be removed. The replacement membrane roofing system will use new insulation to achieve an average of R25 insulation value. Roof counter flashings and metal roof edges will be replaced as required. Roof access ladders will be modified and replaced to meet current OSHA requirements. OSHA compliant fall protection appurtenances and features will be added at roof areas not meeting the proper clearances and fall protection criteria.

The roof sections are more than 20 years old. Recent site inspections by staff determined that these roof sections require replacement to address current leaking, weathered, worn, and/or damaged sections. These repairs will extend the life of the roof sections and prevent moisture from penetrating the building envelope.

Budget/Schedule:

Construction	\$410,000
Design	\$31,500
DFD Mgt	\$19,100
Contingency	\$65,200
TOTAL	\$525,800

SBC Approval	Oct 2021
A/E Selection	Oct 2020
Bid Opening	Feb 2022
Start Construction	May 2022
Substantial Completion	Aug 2022
Final Completion	Dec 2022

Previous Action: None.

UW-Stout – Multi-Building Emergency Generator Replacements (20B2F):**Project Description and Justification:**

This project replaces three interior emergency generators serving the Applied Arts Building (100 kW), Fryklund Hall (100 kW), and Swanson Library (125 kW) with new exterior, pad-mounted units. Project work includes installing new transfer switches, extending and installing new

natural gas lines, constructing exterior concrete mounting pads, and installing new painted steel fencing enclosures. Electrical distribution circuits serving air handling units, building automation systems, condensate pumps, elevators, emergency lighting, fire alarm and smoke detection systems, sump pumps, and telecommunications and security access systems will be upgraded as necessary.

The emergency generators are between 23 and 46 years old, have compromised reliability, and replacement parts are difficult to find and are increasingly not available. One of the oldest units recently had a transfer switch failure and due to its age, required a complete switch replacement. Each of the units are undersized to provide adequate capacity and serve power to the critical circuits that preserve the building during emergencies, frigid temperatures, and extended power outages.

Budget/Schedule:

Construction	\$1,507,000
Design	\$205,000
DFD Mgt	\$69,400
Contingency	\$226,100
TOTAL	\$2,007,500

SBC Approval	Oct 2021
A/E Selection	Sep 2020
Bid Opening	Jan 2022
Start Construction	Jun 2022
Substantial Completion	Aug 2022
Final Completion	Dec 2022

Previous Action: None.

UW-Green Bay – Kress Events Center Parking Lot & Roadway Repaving (2011):

Project Description and Justification:

This project repaves the Kress Center and Studio Arts parking lots, two pedestrian walkways near the Kress Center, and several campus roadway sections including Campus Court, Leon Bond Drive, Main Entrance Drive, Wood Hall Drive, and Laboratory Science Drive. The project scope includes replacing asphalt pavement, concrete curb and gutter at various locations, pedestrian walkways, tactile warning surfaces, pavement marking, permanent signing, site restoration, drainage improvements, and lighting upgrades.

The Kress Events Center Parking Lot was constructed in multiple phases. The first portion was designed as 244 stalls in 1977, reconstructed in 1996, and expanded by 26 new stalls. Another addition was constructed in 2001 creating 171 new stalls for a total capacity of 441 stalls. The Studio Arts Parking Lot was constructed in 1970 and was rebuilt in 1996 adding 104 stalls to increase the lot size to 601 stalls. Both lots are now appropriately sized for the targeted user base and have annual asphalt pavement maintenance (crack routing and sealing, base patches, etc.) completed. Despite these annual maintenance operations, the pavements have deteriorated to the point of needing replacement. Recent State of Wisconsin Department of Transportation pavement surface evaluation and rating (PASER) studies were completed and determined both lots have pavement in poor condition. It is likely that more of the stormwater inlets will fail soon unless they are rebuilt or repaired. The study also recommended that a partial replacement of the 30-inch curb and gutter and the installation of new storm sewers, catch basins, and inlets be provided to improve the drainage of the Studio Arts lot.

Campus Court is a 20-foot-wide roadway with 30-inch mountable curbing. The recent evaluation concluded that the road needed more crowning and new curbing. The road has extensive alligatored and traversed cracking, which prevents water from properly draining off the road. Leon Bond Drive has similar physical deterioration throughout the targeted section. The two asphalt paths are heavily used by the 2,000 students who live on campus and utilize these two walks to access the campus academic buildings, University Union, and the Kress Events Center. The walks have not been improved in more than 20 years. Small patches and annual crack sealing have extended the life of the walks, but alligator cracks have continued to create safety concerns and ponding water that accumulates in some areas prevents students from using the walks.

Budget/Schedule:

Construction	\$2,380,000
Design	\$196,700
DFD Mgt	\$104,800
Contingency	\$238,000
Other Fees	\$20,600
TOTAL	\$2,940,100

SBC Approval	Oct 2021
A/E Selection	Oct 2020
Bid Opening	Feb 2022
Start Construction	May 2022
Substantial Completion	Sep 2022
Final Completion	Dec 2023

Previous Action: None.

UW-Madison – Environmental Health & Safety Central Utility Connections (20J1L):

Project Description and Justification:

This project extends campus central utilities into the Environmental Health and Safety Building eliminating stand-alone, inefficient, and maintenance intensive systems in an effort to support campus energy efficiency goals. The project scope includes extending high-pressure steam, pumped condensate return, and compressed air from utility pit 14.2-13 into the building and extending the called water supply and return into the building. A new pressure reducing valve will be installed and the boilers will be removed and replaced with a steam to hot-water converter. The chillers and cooling towers will be removed, and new building pumps will be installed to provide the required pressure when connected to central campus utilities.

The Environmental Health and Safety building is nearing 40 years old. All of the mechanical equipment is original to the building and has reached the end of its useful life. The air-cooled chiller, the chiller-cooling tower assembly, and the boilers all require replacement. This equipment provides excessive maintenance demands on the university due to the age of the equipment. These stand-alone systems are not connected to the central campus steam or chilled water systems. Connecting the building to central campus utilities (steam and chilled water) utilizes the most efficient and reliable source of energy currently available on campus.

Budget/Schedule:

Construction	\$1,708,300
Design	\$187,000
DFD Mgt	\$78,000
Contingency	\$240,700
TOTAL	\$2,214,000

SBC Approval	Oct 2021
A/E Selection	Dec 2020
Bid Opening	Jan 2022
Start Construction	Apr 2022
Substantial Completion	Oct 2022
Final Completion	Jun 2023

Previous Action: None.

UW-Madison – WHA Transmitter Utility & Boardwalk Replacement (Increase) (20B3F):**Project Description and Justification:**

This request increases the project budget for a previously approved All Agency project by \$224,700 in order to accept bids for the project. The budget increase is needed to complete the originally approved project scope and intent.

This project replaces the wooden boardwalk leading to the radio tower in the campus arboretum along with the associated electrical and telecommunications lines integrated into the boardwalk construction. Project work includes removal and disposal of approximately 250 LF of wooden boardwalk and 330 LF of electrical and telecommunications lines installed in PVC conduit attached to the boardwalk structure; and installation of a new raised metal boardwalk system with helical piles and new electrical and telecommunications lines and conduit between the transmitter building and tuning cabinets near the radio tower. The replacement boardwalk and utility lines will be placed to avoid the ground radials that project from the tower below grade. Any damage to these radials will be repaired under this project.

The WHA transmitter tower is an AM/FM tower that broadcasts WPR in this portion of the state. The boardwalk was previously constructed out of wood components approximately 15-20 years ago. The structure runs through the arboretum wetlands and is subject to flood drainage from the surrounding areas of the city. Maintenance of the boardwalk has become untenable due to the age of the structure and the difficulty of working in the wetlands. Frost heave has caused numerous trip hazards along the walking surface and the hangers for the existing conduit have failed in several locations. This has forced workers to work with electrical lines that may be filled with water or located below the waterline.

Budget/Schedule:

Construction	\$460,000
Design	\$52,000
DFD Mgt	\$20,800
Contingency	\$60,000
Other Fees	\$6,100
TOTAL	\$598,900

SBC Approval	Oct 2021
A/E Selection	Mar 2020
Bid Opening	Sept 2021
Start Construction	Jan 2022
Substantial Completion	Mar 2022
Final Completion	Aug 2022

Previous Action: In February 2021, the SBC approved the UW-Madison - WHA Transmitter Utility & Boardwalk Replacement project for an estimated total cost of \$374,200 (\$258,200 GFSB and \$116,000 PR-CASH).

UW-Stout – Site Data Communications Redundant Backbone Installation (20B2G):

Project Description and Justification:

This project installs a new telecommunications ductbank to serve as a backup internet and wide area network connection, installs additional conduit capacity for future use, and provides a more direct pathway for the building automation system connections serving the buildings north of Sorenson Hall. Project work includes installing new underground telecommunications ductbank from Sorenson Hall to a utility pit adjacent to Bowman Hall; constructing a new interior cable path in Sorenson Hall; and installing new single-mode fiber optic cable underground between Sorenson Hall and Hovlid Hall. Site improvements and landscaping restoration will be completed as necessary for those areas disturbed by project work.

The current building automation wiring pathway is not clear nor straight forward, as it runs from building to building. The older buildings do not have the proper space to provide a pathway that is secure and expandable. Regular service work above the ceiling compromises the integrity of the existing telecommunication system as it competes for space. Its reliability is also questionable. This project provides a straight pathway that is secure and able to expand in the future to address increasing demand for bandwidth and services.

Budget/Schedule:

Construction	\$840,600
Design	\$96,000
DFD Mgt	\$38,700
Contingency	\$126,100
Equipment	\$40,000
TOTAL	\$1,141,400

SBC Approval	Oct 2021
A/E Selection	Jun 2020
Bid Opening	Feb 2022
Start Construction	Apr 2022
Substantial Completion	Sep 2022
Final Completion	Dec 2022

Previous Action: None.

UW-Parkside – Greenquist Hall Fire Door Replacement (20A3F):

Project Description and Justification:

This project replaces all 35 sets of fire doors in Greenquist Hall. The project scope includes removing, disposing, and replacing the fire doors in Greenquist Hall. Replacement doors will be fire-rated metal doors and frames with astragal, heavy continuous hinges, grade 1 surface vertical exit rod devices, door coordinators, heavy duty door closers, and all necessary wiring and conduit for use with existing power supply and magnetic hold-opens. Project work will need to be coordinated in such a way that egress from the building is not impeded and fire separation is maintained.

The current fire doors are original to the 1969 construction of the building. The fire inspector noted in 2017 that approximately 60% of the fire doors in Greenquist Hall did not function

properly, which is a violation of National Fire Protection Association (NFPA) 80, Chapter 5.1.2. The campus determined the various causes for the functionality issues included: damaged coordinators, doors sagging from hinges, and internal exit rod devices that were damaged and in need of repair. The campus removed some of the doors from their frames to examine the extent of the required repairs. The determination was made that the hinges would need to be replaced with continuous hinges and re-hung, but given the existing door frame design, an after-market continuous hinge would not be a viable option as the doors would not close properly. The only way to mitigate the sagging door would be to drive a longer screw of a larger diameter into the framing in an attempt to better hold the hinge and door, but that would only provide a temporary fix. The internal rod devices are difficult and time-consuming to repair. In most cases, the original repair parts are unavailable and the repairs that need to be made with modified parts are labor-intensive and time-consuming to undertake. A typical job to repair one door and rehang it takes two maintenance workers 7.7 hours, or one workday to complete. Updating the doors will allow for properly incorporating solutions to mitigate future door issues such as sagging, and surface-mounted exit rod devices will allow for ease of maintenance.

Budget/Schedule:

Construction	\$635,000
Design	\$56,700
DFD Mgt	\$29,000
Contingency	\$89,300
TOTAL	\$810,000

SBC Approval	Oct 2021
A/E Selection	Mar 2020
Bid Opening	Feb 2022
Start Construction	May 2022
Substantial Completion	Aug 2022
Final Completion	Dec 2022

Previous Action: None.