



State of Wisconsin Building Commission

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Governor

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

Tuesday, August 9, 2022

10:00 a.m.

**State Fair Park
Expo Center Second Floor Meeting Rooms**

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

Tuesday, August 9, 2022

10:45 a.m.

**State Fair Park
Expo Center Second Floor Meeting Rooms**

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

Tuesday, August 9, 2022

12:00 p.m.

**State Fair Park
Expo Center Second Floor Meeting Rooms
To be broadcast via [WisconsinEye](#)**

BUILDING COMMISSION REQUESTS / ITEMS

2

August 9, 2022

Subcommittee

Full Commission

The Secretary requests approval of the minutes of June 22, 2022.

No action required.

DEBT MANAGEMENT

1. Debt Authorizing Resolution - 2022 State of Wisconsin Building Commission Resolution 6 grants certain state agencies new debt authority in an amount not to exceed \$33,250,000 and continuation of previously approved debt authority in an amount not to exceed \$963,732,068, to allow these state agencies to enter into contracts relating to various borrowing purposes which will be funded by subsequent issuances of general obligation debt.
2. Transportation Revenue Refunding Authorizing Resolution - 2022 State of Wisconsin Building Commission Resolution 7 authorizes the sale and issuance of Transportation Revenue Refunding Obligations in an amount not to exceed \$300,000,000 to refund outstanding transportation revenue bonds.

No action required.

No action required.

August 9, 2022

Subcommittee

Full Commission

Department of Administration

3. Department of Justice Milwaukee Crime Laboratory – Request the following:

- a) In accordance with §.13.48(19)(b), a waiver of §.16.855 and authority to acquire the new Department of Justice Milwaukee Crime Lab and related property as part of a condominium agreement, upon completion of construction for a total not to exceed cost of \$99,500,000 (\$21,390,000 EX-GFSB and \$78,110,000 EX-PRSB); and
- b) Authorize \$800,000 PR-CASH for project soft costs prior to closing on the condominium purchase.

This project was enumerated in 2017 Wisconsin Act 59 for \$75,000,000 PRSB.

In April 2018, the SBC approved the release of \$867,000 Building Trust Funds-Contingency to purchase preliminary plans for a new Southeast Wisconsin Law Enforcement Facility (Milwaukee Crime Lab) as authorized by 2017 Wisconsin Act 59.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #3**

AGENCY: Department of Administration on behalf of the Department of Justice

DOA CONTACT: Marcel Maul, (608) 261-7072, marcel.maul@wisconsin.gov

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

LOCATION: City of Wauwatosa, Milwaukee County

PROJECT REQUEST: Request the following:

- a) In accordance with §.13.48(19)(b), a waiver of §.16.855 and authority to acquire the new Department of Justice Milwaukee Crime Lab and related property as part of a condominium agreement, upon completion of construction for a total not to exceed cost of \$99,500,000 (\$21,390,000 EX-GFSB and \$78,110,000 EX-PRSB); and
- b) Authorize \$800,000 PR-CASH for project soft costs prior to closing on the condominium purchase.

PROJECT NUMBER: 22H1M

PROJECT DESCRIPTION:

This project will construct an approximately 92,000 GSF condominium share of a larger facility with a parking structure as a replacement for the existing Department of Justice's (DOJ) Milwaukee Crime Lab, part of the Division of Forensic Sciences (DFS) and include DOJ office and training spaces. The Crime Lab will be located as part of a larger facility that will also house Milwaukee County 911 and the Medical Examiner's office of Milwaukee County. The facility will be located on the Medical College of Wisconsin's (MCW) portion of Milwaukee Regional Medical Center (MRMC) and create a centralized forensic science center for the advancement of the forensic sciences. Co-location of this facility on the MCW portion of MRMC along with co-location with Milwaukee County Medical Examiner provides forensic science synergies that are not available with a stand-alone site. This also provides space saving advantages with a co-located facility.

The state's portion of the condominium is approximately 47 percent of the building and represents approximately five percent of MCW's ownership share of the MRMC. Occupancy is estimated for April 2025. The Division's three state crime laboratories (Milwaukee, Madison and Wausau) analyze physical evidence for law enforcement officials and prosecutors, and defense upon court order, and also maintain the Wisconsin's DNA databank, which is linked to the national DNA database, known as "CODIS". DFS is also responsible for the Wisconsin's Automated Fingerprint Information System (AFIS). In addition, the DFS's Milwaukee Crime Lab will provide the following services within the new facility:

- Chemistry – Controlled Substances/Seized Drugs (Analyzing physical evidence for controlled substances)

- Chemistry – Toxicology (Analyzing biological specimens for presence of drugs, poisons, and alcohol)
- Trace Evidence – Fiber, Arson, Explosives, Chemicals (Analyzing for very small amounts of hair, fibers & compounds.)
- DNA Analysis (Technique to assist in the identification of individuals by their DNA profiles.)
- Criminalistics – Forensic Imaging (Fingerprinting, document examination, photo, and video analysis.)
- Criminalistics – Latent Prints and Footwear (Analyzes and compares friction ridge detail and examination of footwear impressions.)
- Criminalistics – Firearms and Toolmarks (Microscopic examination of bullets and cartridge casings, serial number restoration, distance determination, and functional testing of firearms. Testing of bullet trajectories.)
- Criminalistics – Crime Scene Response to include Auto Laboratory (Auto Lab is utilized for analyzing vehicles or large pieces of evidence that cannot be transported into any of the other crime laboratory section).

PROJECT JUSTIFICATION:

Currently, the DOJ DFS – Milwaukee Crime Laboratory is located in state owned space at 1578 South 11th Street, Milwaukee. The original Milwaukee Crime Lab was constructed in 1983, was formerly a grocery store, and was updated with an addition in 1992. The facility contains a total of 60,645 GSF and is over-crowded with inadequate laboratory conditions. There is no room for additional instrumentation, file storage or expansion of staff and services, and is unable to support emerging forensic methods and equipment. Additionally, the building is in a high crime area and has many deficiencies which involve safety, security, ADA accessibility, deferred maintenance, and parking. The condition of the current location negatively impacts agency operations and employee attraction and retention.

The existing Milwaukee Crime Lab is no longer a functional facility moving into the latter stages of the 21st century. The need for a modern accredited Milwaukee Crime Lab is imminent and DOJ cannot maintain its presence at the existing sub-standard facility for much longer. The current location is also an impediment to recruitment and retention. The new facility at MRMC will have state-of-the-art forensic laboratory space for the Department of Justice. A requirement of the agreement is that the facility pass accreditation by the ANAB (ANSI International Accreditation Board), the laboratory's accreditation program.

The budget increase of \$21,390,000 EX-GFSB, \$3,110,000 EX-PRSB, and the \$800,000 PR-CASH for design services, represents the actual cost of the facility after multiple attempts to solicit a viable solution for DOJ which caused significant project delays and inflationary impacts. The request for authority to purchase this facility is based on a Request for Proposals (RFP) issued by the Department of Administration (DOA) in December 2020 that included annual lease payments as well as purchase options at various intervals of the lease. Analysis of the multiple options in the RFP response concluded that a purchase at the completion of construction of the facility is the most cost-effective option. Over the first 11 years of a lease, DOJ would pay \$87.5 million in rent and would still owe a \$75 million purchase price. Purchasing the facility on day one, the State saves \$63 million.

This facility would be owned by DOA and as such impacts the State’s Space Rental Account program. The programming for the facility hasn’t significantly changed but inflationary impacts have eroded the ability to exercise the purchase option within the 2017 enumeration of \$75 million PRSB (debt service supported by the Space Rental Account). However, based on current estimates of inflation as outlined in the 2023-25 Capital Budget Instructions, the \$75 million enumeration is estimated to rise to approximately \$115 million by April 2025. The proposed purchase price is well below the inflationary estimate if the State exercises this purchase option. The budget increase will be funded by existing appropriations available in Building Commission-Other Public Purposes. The \$800,000 PR-CASH would fund a portion of the design costs and other soft costs upon execution of the purchase agreement.

SCHEDULE:

RFP Selection	Nov 2021
SBC Purchase Approval	Aug 2022
Design and Construction	Apr 2025
Occupancy	May 2025

PREVIOUS ACTION: This project was enumerated in 2017 Wisconsin Act 59 for \$75,000,000 PRSB.

In April 2018, the SBC approved the release of \$867,000 Building Trust Funds-Contingency to purchase preliminary plans for a new Southeast Wisconsin Law Enforcement Facility (Milwaukee Crime Lab) as authorized by 2017 Wisconsin Act 59.

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee

Full Commission

4. 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	\$2,997,500
Monona Parking Ramp Repair/Reno, Ph I	\$2,997,500
Terrace (\$2,997,500 PRSB)	

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #4**

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
Monona Terrace Parking Ramp	21E3Z	Repair and Renovation, Phase I	\$2,997,500
Facility Maintenance and Repair Total			\$2,997,500

PROJECT DESCRIPTION:

This project is the first of two phases to renovate the Monona Terrace Parking Ramp (MTR). The project scope for Phase 1 includes repairing the ramp's superstructure and upgrading the existing bus lane to accommodate heavier buses. The project also includes a series of replacing components of the ramp's electrical system including vacated fire alarm panels, an electrical transformer, electrical conduits, and distribution panelboards. The structural improvements will repair failing concrete and grout along with corrosion in the ramp's steel reinforcement and connections. Phase I of the project will also provide the architectural and structural remediation of the building envelope and will also provide the structural retrofit of the existing bus lane to accommodate the increased loading of heavier buses.

Phase 2 of the project is expected to follow later in 2023 and includes installing a parking deck coating system and sealants, repainting parking decks, replacing expansion joints and sealants, and plumbing and mechanical work.

PROJECT JUSTIFICATION:

The MTR is a 26-year-old pre-cast concrete facility that is approximately 352,000 GSF. The 590-stall public parking structure adjoins the City of Madison's Monona Terrace Community & Convention Center (MTCCC) and bridges John Nolen Drive over an active rail line. The top level is uncovered and includes an access lane for bus and vehicle drop-off and pick-up at the main entrance to the MTCCC. The lower level of parking is suspended above John Nolen Drive and contains 200 stalls that are reserved for state employees stationed at the State Human

Services Building (SHSB), which is adjacent to the MTR at 1 West Wilson Street. Basement level 3 of the SHSB provides electrical and building support for MTR facility operations.

Water damage at the facility has degraded the concrete, caused grout failure, and steel corrosion. The existing storm drain piping system has a cast iron drainpipe and gully washer drain strainers with numerous cracks, corrosion, and leaks increasing water infiltration into the ramp. The existing conditions have caused numerous leaks throughout the facility as well as the SHSB's basement level 3 housing electrical and building support rooms. The water infiltration into the SHSB has resulted in corroded electrical, electrical distribution, and lighting equipment.

Phase I of the project will provide the architectural and structural remediation of the building envelope and will also provide the structural retrofit of the existing bus lane to accommodate the increased loading of heavier buses.

BUDGET/SCHEDULE:

Construction	\$2,150,100
Design	\$425,800
DFD Mgt	\$99,000
Contingency	\$322,600
TOTAL	\$2,997,500

SBC Approval	Aug 2022
A/E Selection	Jul 2021
Bid Opening	Sep 2022
Start Construction	Nov 2022
Substantial Completion	May 2023
Final Completion	Jun 2023

PREVIOUS ACTION: None.

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee

Full Commission

Department of Corrections

5. Oshkosh Correctional Institution – New Secure Residential Treatment Unit and Diversion Unit Program Space – Request the following:
- a) Approve the Design Report; and
 - b) Authority to construct the new Secure Residential Treatment Unit and Diversion Unit Program Space for an estimated cost of \$2,580,000 GFSB.

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

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #5**

AGENCY: Department of Corrections

DOC CONTACT: Dave Sumwalt, (608) 225-9652, Davida.Sumwalt@wi.gov

DFD CONTACT: Laura Larsen, (608) 261-2435, Laura.Larsen@wi.gov

LOCATION: Oshkosh Correctional Institution, Winnebago

PROJECT REQUEST: Request the following:

- a) Approve the Design Report; and
- b) Authority to construct the new Secure Residential Treatment Unit and Diversion Unit Program Space for an estimated cost of \$2,580,000 GFSB.

PROJECT NUMBER: 18H2J

PROJECT DESCRIPTION:

This project constructs a new 4,200 GSF building housing program space for the Secure Residential Treatment Unit (SRTU) and Diversion Unit (DU) at the Oshkosh Correctional Institution (OSCI). The newly constructed space will house services and programming for inmates with mental illness or intellectual disabilities displaying chronic disciplinary issues, or inmates who demonstrate an inability to adapt to a General Population setting. The SRTU is for the OSCI inmates, along with inmates referred from other correctional facilities. The DU is used to divert inmates with a serious mental illness or Intellectual Disability (ID) status from Restrictive Status housing. The building will accommodate 10 offices, four classrooms, two restrooms, a janitor closet and mechanical space.

PROJECT JUSTIFICATION:

This project creates adequate programming space for the treatment of inmates with serious mental illness or ID both in the SRTU and DU. Currently, several staff offices are not contiguous within program space, and these programs have been restrained from reaching their designed capacities. Both programs have been forced to run in a modified format since April 2017.

BUDGET/SCHEDULE:

Construction	\$1,884,000
Design	\$203,600
DFD Mgt	\$86,700
Contingency	\$282,300
Equipment	\$100,000
Other Fees	\$23,400
TOTAL	\$2,580,000

SBC Approval	Aug 2022
A/E Selection	Aug 2018
Design Report	Aug 2022
Bid Opening	Jan 2023
Start Construction	Mar 2023
Substantial Completion	Aug 2024
Final Completion	Nov 2024

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

DESIGN REPORT

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

August 9, 2022

New SRTU and DU Program Space
Oshkosh Correctional Institution
Oshkosh, WI

Project Number: 18H2J

For the: Department of Corrections

Project Manager: Robert Hoffmann

Architect/Engineer: Venture Architects
Milwaukee, WI

1. Project Description:

Project consists of a new building approximately 4,200 GSF to provide new program space for the Secure Residential Treatment Unit (SRTU) and Diversion Unit (DU). The building will accommodate 10 offices, four classrooms, two restrooms, janitor closet and mechanical space.

2. Authorized Budget and Funding Source:

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

3. Schedule:

Bid Opening:	Jan 2023
Start of Construction:	Mar 2023
Substantial Completion / Occupancy:	Aug 2024

4. Budget Summary:

Construction:	\$1,884,000
A/E Fees:	\$203,600
DFD Mgt:	\$86,700
Contingency:	\$282,300
Other Fees:	\$23,400
Equipment:	\$100,000
Total Project Cost:	\$2,580,000

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee	Full Commission
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Department of Health Services

6. 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		\$1,872,300
WRC	Perimeter Road/Fence Replacement (\$1,872,300 GFSB)	\$1,872,300
Utility Repair and Renovation		\$6,977,000
MMHI	Storm Water & Site Improvements (\$2,004,200 GFSB)	\$2,004,200
MMHI	Heating Plant Boiler 5 Installation (\$4,972,800 GFSB)	\$4,972,800
TOTAL		\$8,849,300

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #6**

AGENCY: Department of Health Services

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

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 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 Repair and Maintenance			
LOCATION	PROJ. NO.	PROJECT TITLE	GFSB
Wisconsin Resource Center (Winnebago Co.)	21I2E	Perimeter Road and Fence Replacement	\$1,872,300
Facility Repair and Maintenance Total			\$1,872,300

Utility Repair and Renovation			
LOCATION	PROJ. NO.	PROJECT TITLE	GFSB
Mendota Mental Health Institute (Dane Co.)	18H3J	Storm Water and Site Improvements	\$2,004,200
Mendota Mental Health Institute (Dane Co.)	21I2V	Heating Plant Boiler 5 Installation	\$4,972,800
Utility Repair and Renovation Total			\$6,977,000

TOTAL	GFSB
	\$8,849,300

Wisconsin Resource Center – Perimeter Road and Fence Replacement (21I2E):

Project Description and Justification:

This project makes a series of repairs to the perimeter security patrol road at the Wisconsin Resource Center. Portions of the road will be reconstructed, and other areas will receive patching and crack sealing. Sections of the outer perimeter security fence will be repaired by replacing the damaged fence posts and concrete mow strips. Temporary fencing will be installed during construction maintaining a secure perimeter. The project also includes surface drainage improvements and adding a paved vehicle turnaround space. Work Surface drainage will be

improved. Project work will take place in phases to avoid disruptions to the facility’s operation and security.

This project is intended to repair a deteriorate roadway that has areas with large cracking, and potholes. The existing fence has a cracking foundation and is susceptible to failure. The Wisconsin Resource Center provides psychiatric services to inmates from the Department of Corrections. Proper maintenance of the perimeter road and fence is imperative to the safety and security of the facility.

Budget/Schedule:

Construction	\$1,488,500
Design	\$77,000
DFD Mgt	\$68,500
Contingency	\$223,300
Other Fees	\$15,000
TOTAL	\$1,872,300

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

Previous Action: None.

Mendota Mental Health Institute – Storm Water and Site Improvements (18H3J):

Project Description and Justification:

This project constructs a series of stormwater management repairs and improvements at Mendota Mental Health Institute (MMHI). The project scope includes drainage improvements, slope stabilization, and reconstructing an existing roadway, sidewalk, and parking lot. The project also includes installing 350 feet of beam guard and a chain link fence along the Goodland Hall roadway. The project will stabilize the slope on the north and west sides of Goodland Hall and repair the road to Governor’s Island. All disturbed areas will be restored and there will be an onsite archaeologist during construction in the archeologically sensitive areas.

This project is required to maintain and preserve the MMHI facility grounds. A comprehensive stormwater survey identified current drainage patterns and recommended changes to minimize erosion and to control runoff. That survey identified the sinking of the security perimeter road around Goodland Hall along with issues around the three buildings with water intrusion into the lower levels. Muir Road and the parking areas between the Lakeside Buildings have badly deteriorated due to poor drainage. The road to Governor’s Island has deteriorated to the point that it can no longer be maintained with routine maintenance.

Budget/Schedule:

Construction	\$1,485,300
Design	\$143,700
DFD Mgt	\$68,400
Contingency	\$222,800
Other Fees	\$84,000
TOTAL	\$2,004,200

SBC Approval	Aug 2022
A/E Selection	Mar 2021
Bid Opening	Feb 2023
Start Construction	Apr 2023
Substantial Completion	Oct 2023
Final Completion	Jun 2024

Previous Action: None.

Mendota Mental Health Institute – Heating Plant Boiler 5 Installation (2112V):

Project Description and Justification:

This project installs one package boiler at the MMHI Central Heating Plant. The project scope includes installing the boiler, burner, economizer and exhaust stack. The new boiler will be located in the heating plant addition previously used to house the baghouse. The project will extend natural gas, fuel oil, feed water, steam, and condensate piping to the new boiler. Boiler controls will be integrated into the heating plant’s existing control system. Platform and stairs will be constructed around the new boiler to allow access by operators. Existing boiler #3 will be demolished when the new boiler is fully operational.

This project ensures a reliable source of heating and process steam serving 500 patients at MMHI and the Central Wisconsin Center. The new boiler will replace the existing unit, installed in 1960. This boiler was retrofitted with a natural gas and oil burners in the early 1980s extending boiler life, but other critical boiler system components including the economizer, generating bank, super heater, and casings are in need of replacement due to the age of the boiler and recent failures.

Budget/Schedule:

Construction	\$3,925,000
Design	\$278,400
DFD Mgt	\$180,600
Contingency	\$588,800
TOTAL	\$4,972,800

SBC Approval	Aug 2022
A/E Selection	Nov 2021
Bid Opening	Dec 2022
Start Construction	Feb 2023
Substantial Completion	Nov 2024
Final Completion	May 2025

Previous Action: None.

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee

Full Commission

Department of Military Affairs

7. 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		\$6,252,100
Eau Claire	Roof Replacement (\$379,300 GFSB; \$323,000 FED)	\$702,300
Madison Aviation	Remodel Latrine/Repl Shop Ventilation (\$436,850 GFSB; \$1,310,550 FED)	\$1,747,400
Spooner	Roof Replacement (\$340,300 GFSB; \$289,800 FED)	\$630,100
Fort McCoy	MATES Roof Replacement (\$948,000 FED)	\$948,000
Fort McCoy	WMA Roof Replacement (\$793,500 FED)	\$793,500
Mosinee	Boiler Repl & DDC Installation (\$715,400 GFSB; \$715,400 FED)	\$1,430,800
TOTAL	\$1,871,850 GFSB \$4,380,250 FED	\$6,252,100

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #7**

AGENCY: Department of Military Affairs

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

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

PROJECT REQUEST: 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					
LOCATION	PROJ. NO.	PROJECT TITLE	GFSB	FED	TOTAL
Eau Claire Readiness Center (Eau Claire Co.)	21C4E	Roof Replacement	\$379,300	\$323,000	\$702,300
Madison Aviation Readiness Center (Dane Co.)	21C4F	Remodel Latrine and Replace Shop Ventilation	\$436,850	\$1,310,550	\$1,747,400
Spoooner Readiness Center (Washburn Co.)	21C3Y	Roof Replacement	\$340,300	\$289,800	\$630,100
Fort McCoy MATES (Monroe Co.)	21G1T	Roof Replacement	\$0	\$948,000	\$948,000
Fort McCoy Military Academy (Monroe Co.)	21H2Q	Roof Replacement	\$0	\$793,500	\$793,500
Mosinee Readiness Center (Marathon Co.)	21C2I	Boiler Replacement and DDC Installation	\$715,400	\$715,400	\$1,430,800
Facility Maintenance and Repair Total			\$1,871,850	\$4,380,250	\$6,252,100

Eau Claire Readiness Center - Roof Replacement (21C4E):

Project Description and Justification:

This project replaces the entire roof at the Eau Claire Readiness Center. The seven-area roof is approximately 30,250 GSF. In Area 1 the existing roof, fascia, and flashing will be removed. A new asphalt shingle roof system will be installed with underlayment, a felt vapor barrier, two layers

of ice dam prevention, and flashing and fascia. In Areas 2-7 the existing roof will be removed and replaced with a new flat roof system and fully adhered Ethylene-Propylene-Diene-Monomer (EPDM) membrane. This project also includes new insulation, replacing roof drains, and installing new roof accessories including flashing, pipe boots, and counterflashing.

Portions of the roof were installed in 1993. The existing shingles, fascia, and soffit have begun to deteriorate. Areas of the existing flat roof are beginning to come loose and are susceptible to puddling causing leaks in the building.

Budget/Schedule:

Construction	\$542,000
Design	\$54,000
DFD Mgt	\$25,000
Contingency	\$81,300
TOTAL	\$702,300

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

Previous Action: None.

Madison Aviation Readiness Center - Remodel Latrine and Replace Shop Ventilation (21C4F):

Project Description and Justification:

This project converts existing gang showers to multiple single user units, with toilets, showers, and urinals. The project scope includes installing five toilets (including one ambulatory toilet), six urinals, eight showers, and one fully accessible single user toilet and shower. The project scope also includes replacing the vehicle exhaust system in the maintenance shop to match current use.

The existing shower area is not adequate for unit and staff activities. It is an older style with gang showers. Ventilation is not sufficient within the latrine and storage areas, and the maintenance bay does not meet code as there is no forced ventilation. Windows are required for maintenance operations and workflow efficiency, and force protection is required for the vault door.

Budget/Schedule:

Construction	\$1,351,500
Design	\$130,300
DFD Mgt	\$62,200
Contingency	\$202,800
Equipment	\$600
TOTAL	\$1,747,400

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

Previous Action: None.

Spoooner Readiness Center - Roof Replacement (21C3Y):

Project Description and Justification:

This project replaces the entire 17,000 GSF roof at the Spoooner Readiness Center. The project scope includes removing the existing roof and insulation and replacing it with a new flat roof system adhered with an Ethylene-Propylene-Diene-Monomer (EPDM) membrane. The project also includes mechanically fasten new rigid insulation, replacing roof drains, new flashing, pipe boots, counter flashing, gutters, downspouts, and other roof accessories.

The roof was last replaced in 2007. This upgrade installed a silicone membrane intended to improve insulation. This membrane has begun to fail and will be replaced with a more permanent solution.

Budget/Schedule:

Construction	\$477,000
Design	\$59,500
DFD Mgt	\$22,000
Contingency	\$71,600
TOTAL	\$630,100

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

Previous Action: None.

Fort McCoy MATES – Roof Replacement (21G1T):

Project Description and Justification:

This project replaces four sections of roof (approximately 28,600 GSF) at the Fort McCoy Military Academy. The project scope includes removing the existing roof and replacing it with a new roofing system including a fully adhered new Ethylene-Propylene-Diene-Monomer (EPDM) field and flashings membrane and insulation. The project also includes repairing and/or replacing any roof drains, flashing, pipe boots, counterflashing, expansion joints, and other roof penetrations. Portions of the gutters and downspouts will also be replaced as needed.

The portions of the roof being replaced are original to the building constructed in 1971. In recent years the number of repairs has consistently increased. Completion of the project is intended to avoid major damage caused by leaking.

Budget/Schedule:

Construction	\$746,100
Design	\$55,500
DFD Mgt	\$34,400
Contingency	\$112,000
TOTAL	\$948,000

SBC Approval	Aug 2022
A/E Selection	Sep 2021
Bid Opening	Feb 2023
Start Construction	Apr 2023
Substantial Completion	Sep 2024
Final Completion	Oct 2024

Previous Action: None.

Fort McCoy Military Academy - Roof Replacement (21H2Q):

Project Description and Justification:

This project replaces 25,000 GSF of ballast roof sections with a new flat roof system and fully adhered Ethylene-Propylene-Diene-Monomer (EPDM) membrane. The project scope includes new insulation, new flashing, repairing roof drains, pipe boots, counter flashing, gutters, downspouts, and other roof accessories.

Most of the roof sections being replaced are original to the facility constructed in 1993. The existing rubber has begun to crack causing leaking in the building. Roof sections on the east and west portions of the building were replaced under a separate project.

Budget/Schedule:

Construction	\$597,800
Design	\$78,500
DFD Mgt	\$27,500
Contingency	\$89,700
TOTAL	\$793,500

SBC Approval	Aug 2022
A/E Selection	Nov 2021
Bid Opening	Jan 2023
Start Construction	Apr 2023
Substantial Completion	Nov 2023
Final Completion	Dec 2023

Previous Action: None.

Mosinee Readiness Center - Boiler Replacement and DDC Installation (21C2I):

Project Description and Justification:

This project replaces the existing steam boiler system with more efficient hot water boiler system. The project also replaces the existing steam/condensate piping throughout the facility with hot water supply and return piping, and steam terminal units with a hot water terminal unit. This project will provide a complete DDC system to control and monitor the HVAC system and provide new electrical service and building electrical distribution system. New ceilings in the office area will accommodate new hot water piping, and new LED lighting will be provided in areas receiving new ceilings.

This project upgrades the 25+ year boiler system and integrates new HVAC and controls into the DDC monitoring system to better control operations. This is part of an organization-wide effort to reduce facilities' energy intensity through increased utility efficiencies. A DDC system would allow supervisors to monitor building conditions remotely, and diagnostical troubleshoot issues.

Budget/Schedule:

Construction	\$1,125,200
Design	\$85,000
DFD Mgt	\$51,800
Contingency	\$168,800
TOTAL	\$1,430,800

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

Previous Action: None.

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee

Full Commission

Department of Natural Resources

8. Council Grounds State Park – Toilet/Shower Building and Vault Toilet Replacement – Request the following:
- a) Approve the Design Report;
 - b) Authority to increase the project budget by \$358,800 GFSB; and
 - c) Authority to construct the Toilet/Shower Building and Vault Toilet Replacement for an estimated total cost of \$1,444,600 GFSB.

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

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #8**

AGENCY: Department of Natural Resources

DNR CONTACT: Dan Olson, (608) 293-1662, 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 following:

- a) Approve the Design Report;
- b) Authority to increase the project budget by \$358,800 GFSB; and
- c) Authority to construct the Toilet/Shower Building and Vault Toilet Replacement for an estimated total cost of \$1,444,600 GFSB.

PROJECT NUMBER: 20K1V

PROJECT DESCRIPTION:

This project demolishes four existing buildings to construct a new toilet/shower building. The project scope includes demolishing a toilet/shower building, a flush toilet building, a vault toilet building, and nature center building. The new toilet/shower building will be constructed, with accessible facilities at a central location within the campground. The project scope also includes site restoration and grading; tree and brush removal; asphalt paving/parking areas with concrete sidewalks; and connections to existing water, septic, and LP utilities. A new prefabricated vault toilet building will be constructed in the campground.

The design estimate for the project is \$358,800 higher than the enumerated amount. This request seeks to transfer existing GFSB appropriations to this project in order to proceed with the full project scope.

PROJECT JUSTIFICATION:

Council Grounds State Park is located in the Town of Merrill, in Lincoln County in Northern Wisconsin. The 500-acre park includes 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.

During peak season, the campground is full every weekend, hosting over 300 visitors within the 52 family campsites and group campground. The new building will increase capacity for the visitors, reduce maintenance time and costs for the staff, lessen the inconvenience of long lines for the shower facilities, and prevent the building and campground from potential closure and revenue loss. The replacement of these restrooms will continue to provide a level of service campground visitors expect in the modern campground.

BUDGET/SCHEDULE:

Construction	\$967,000
Design	\$173,000
DFD Mgt	\$44,500
Contingency	\$145,100
Equipment	\$115,000
TOTAL	\$1,444,600

SBC Approval	Aug 2022
A/E Selection	Dec 2020
Design Report	Aug 2022
Bid Opening	Jan 2023
Start of Construction	Apr 2023
Substantial Completion	Apr 2024
Final Completion	May 2024

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

DESIGN REPORT

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

August 9, 2022

Toilet/Shower Building and Vault Toilet Replacement
Council Grounds State Park
City of Merrill, WI

Project Number: 20K1V

For the: Department of Natural Resources

Project Manager: Steve Wenzel

Architect/Engineer: MSA Professional Services Inc
Madison, WI

1. Project Description:

Demolition of four existing buildings (a toilet shower/building, flush toilet building, vault toilet building (TSB), and nature center building). Then construct one new toilet shower building of approx. 1,730 Square Feet:

- Intended for warm weather use with no heat or wall insulation
- Wood Trusses with metal shingles
- Concrete masonry unit (CMU) walls
- Concrete foundation & on-grade floor slab

Also install one new prefabricated vault toilet building (VTB) of approx. 195 Square Feet:

- Agency/DNR will procure (purchased eq.)
- Contractor will install
- Two compartments for the men's and two for the women's
- Lighted with power feed from existing system by contractor

The new TSB will also require the following site and utility work:

- Site restoration and grading
- Tree & brush removal where needed
- Asphalt paving/parking areas and concrete sidewalks
- TSB will be served by existing water (well with pump upgrade), sewer utilities (septic field), and liquid propane (LP) Tank

2. Authorized Budget and Funding Source:

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

3. Schedule:

Bid Opening:	Jan 2023
Start of Construction:	Apr 2023
Substantial Completion / Occupancy:	Apr 2024

4. Budget Summary:

Construction:	\$967,000
A/E Fees:	\$173,000
DFD Mgt:	\$44,500
Contingency:	\$145,100
Equipment:	\$115,000
Total Project Cost:	\$1,444,600

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee	Full Commission
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9. Minong Ranger Station – Ranger Station Replacement –
Request the following:
- a) Approve the Design Report;
 - b) Authority to increase the project budget by \$315,500 CON SEGB; and
 - c) Authority to construct the Ranger Station Replacement for an estimated total cost of \$3,243,300 CON SEGB.

This project was enumerated in 2019 Wisconsin Act 9 for \$2,927,800 CON SEGB.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #9**

AGENCY: Department of Natural Resources

DNR CONTACT: Dan Olson, (608) 293-1662, daniel.olson@wisconsin.gov

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

LOCATION: Minong Ranger Station, Washburn County

PROJECT REQUEST: Request the following:

- a) Approve the Design Report;
- b) Authority to increase the project budget by \$315,500 CON SEGB; and
- c) Authority to construct the Ranger Station Replacement for an estimated total cost of \$3,243,300 CON SEGB.

PROJECT NUMBER: 21H1B

PROJECT DESCRIPTION:

This project removes and replaces the Minong Ranger Station. The project scope includes demolishing the existing ranger station, detached garage, oil shed, and pole shed. The new ranger station will include office space for six full time staff and four limited term staff, and a heated four-bay drive through garage with storage space for equipment and vehicles.

The design estimate for the project is \$315,500 higher than the enumerated amount. This request seeks to transfer existing Conservation Segregated Borrowing appropriations to this project in order to proceed with the full project scope.

PROJECT JUSTIFICATION:

The Minong Ranger Station is located approximately one mile east of US Highway 53 on Highway 77 in the Village of Minong in Washburn County. The current building was built in 1936 by the Wisconsin Conservation Corps and serves 10 townships in the Minong Fire Response Unit (FRU). The existing 84-year-old building has significant deferred maintenance and does not have adequate space to store fire control equipment. The ranger station also hosts a DNR Bureau of Law Enforcement Conservation Warden and provide secure heated storage for recreational patrol vehicles. The Minong station also serves as a regular stop for tourists seeking information regarding camping and recreating, burning permits, hunting and fishing permits, wood cutting permits, and general customer service.

BUDGET/SCHEDULE:

Construction	\$2,368,300
Design	\$198,200
DFD Mgt	\$109,000
Contingency	\$356,000
Equipment	\$165,800
Other Fees	\$46,000
TOTAL	\$3,243,300

SBC Approval	Aug 2022
A/E Selection	Aug 2021
Design Report	Aug 2022
Bid Opening	Dec 2022
Start Construction	Apr 2023
Substantial Completion	Nov 2023
Final Completion	Dec 2023

PREVIOUS ACTION: This project was enumerated in 2019 Wisconsin Act 9 for \$2,927,800 CON SEGB.

DESIGN REPORT

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

August 9, 2022

Minong Ranger Station Replacement
Minong Station
Village of Minong, WI

Project Number: 21H1B

For the: Department of Natural Resources

Project Manager: Raivo Balciunas

Architect/Engineer: Cedar Corporation
Menomonie, WI

1. Project Description:

The project will construct a new building to replace the fire response ranger station (Bldgs. 323, 324, 2199, 4492) in the Village of Minong, in Washburn County. The station will have space for six FTE employees and four LTE employees. It includes a heated four bay drive-thru garage.

2. Authorized Budget and Funding Source:

This project was enumerated in 2019 Wisconsin Act 9 for \$2,927,800 CON SEGB.

3. Schedule:

Bid Opening:	Dec 2022
Start of Construction:	Apr 2023
Substantial Completion / Occupancy:	Nov 2023

4. Budget Summary:

Construction:	\$2,368,300
A/E Fees:	\$198,200
DFD Mgt:	\$109,000
Contingency:	\$356,000
Equipment:	\$165,800
Other Fees	\$46,000
Total Project Cost:	\$3,243,300

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee

Full Commission

10. Richard Bong State Recreational Area – Shared Operations Facility BTF Release – Request the release of \$70,000 Building Trust Funds (BTF)-Planning to prepare preliminary plans and a Design Report for the Shared Operations Facility.

This project was enumerated in 2021 Wisconsin Act 58 for \$1,576,300 (\$1,340,000 SEGB and \$236,300 STWD).

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #10**

AGENCY: Department of Natural Resources

DNR CONTACT: Dan Olson, (608) 293-1662, daniel.olson@wisconsin.gov

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

LOCATION: Richard Bong State Recreational Area, Kenosha County

PROJECT REQUEST: Request the release of \$70,000 Building Trust Funds (BTF)-Planning to prepare preliminary plans and a Design Report for the Shared Operations Facility.

PROJECT NUMBER: 22C3J

PROJECT DESCRIPTION:

This project will construct a 90' x 50' building to be used for Fisheries Management (FM) and Wildlife Management (WM) daily operations and maintenance activities. The new building will consist of two heated bays (each 27' x 50') with pull-through doors and two unheated bays (each 18' x 50') with single overhead doors. The heated bays will include floor drains located in the center of the building, partitioned off to establish separate areas for FM and WM. The heated WM bay will contain an area for herbicide storage and mixing, as well as an area for a general heated workspace. The heated FM bay will function as daily operational space, while also housing both in-season and off-season monitoring equipment, habitat equipment, safety equipment and supplies. Both programs will utilize heated space for in season equipment and daily operation, as well as year-round workspace for maintenance and repair projects. This project also includes all asphalt site work and utility work; water for outdoor hose bib and a 1" fill hose on the outside of the building; water and plumbing for a stainless-steel sink worktable in each heated stall; 75-gallon gas fire water heater; electric; and LP tank.

PROJECT JUSTIFICATION:

The Richard Bong Recreation Area is a multi-use 4,515-acre property in Southeast Wisconsin, approximately 45 minutes south of Milwaukee and 45 miles north of Chicago. The property has been in state ownership since 1967. The property supports a variety of activities including model airplane flying, camping, swimming, all-terrain vehicle riding, dog training/trialing, hiking, birdwatching, fishing, nature programs, and a managed hunt. The Park received over half a million visitors a year, with around 16,000 of those being hunters. The new building will provide daily operational space, plus additional space for requisite tools, equipment, and supplies that will help improve work efficiency. The proposal will make tools and supplies more accessible to workers than the current configuration in Building B with lofts and cages. It will provide a proper heated, ventilated space for the herbicide cabinets/chemicals; a sink worktable for CWD sampling; and a workbench.

PREVIOUS ACTION: This project was enumerated in 2021 Wisconsin Act 58 for \$1,576,300 (\$1,340,000 SEGB and \$236,300 STWD).

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee

Full Commission

Department of Transportation

11. 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	\$1,121,000
Milwaukee DMV Remodel	\$1,121,000
Northwest (\$1,121,000 SEGRB)	

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #11**

AGENCY: Department of Transportation

DOT CONTACT: Jody Grossman, (608) 267-4479, Jody.Grossman@dot.wi.gov

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

LOCATION: Milwaukee, Milwaukee 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	SEGRB
Milwaukee Northwest DMV (Milwaukee Co.)	21A2A	DMV Remodel	\$1,121,000
Facility Maintenance and Repair Total			\$1,121,000

PROJECT DESCRIPTION:

This project performs a series of upgrades to the Milwaukee Northwest DMV location. The project scope includes repairing the exterior envelope, installing a new acoustic ceiling with LED lighting, constructing ADA restroom improvements and general interior finish upgrades, and reconfiguring the customer lobby space to meet current program needs. This project also updates electrical/data infrastructure and replaces outdated mechanical and plumbing system components.

PROJECT JUSTIFICATION:

The current 9,267 GSF DMV was built in 1989, the space was last renovated in 2008. This project will extend the useful life of the building and update the floor plan to meet current business and consumer needs. Mechanical, plumbing, and electrical/data infrastructure need improvements to satisfy current program requirements and customer needs. There have been changes to security protocol and accessibility requirements, which require various physical alterations of the building. This work will occur while the DMV remains open and operational, the project schedule reflects work taking place while the building is occupied.

BUDGET/SCHEDULE:

Construction	\$839,400
Design	\$97,000
DFD Mgt	\$38,700
Contingency	\$125,900
Equipment	\$20,000
TOTAL	\$1,121,000

SBC Approval	Aug 2022
A/E Selection	Jan 2022
Bid Opening	Jan 2023
Start Construction	April 2023
Substantial Completion	Dec 2023
Final Completion	Feb 2024

PREVIOUS ACTION: None.

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee

Full Commission

Department of Veterans Affairs

12. Wisconsin Veterans Home at King – Chiller

Modifications – Request the following:

- a) Approve the Design Report; and
- b) Authority to construct the Chiller Modifications for an estimated total cost of \$4,599,300 (\$1,609,800 GFSB and \$2,989,500 PRSB).

This project was enumerated in 2021 Wisconsin Act 58 for \$4,599,300 (\$1,609,800 GFSB and \$2,989,500 PRSB).

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #12**

AGENCY: Department of Veterans Affairs

DVA CONTACT: Craig Jensen, (608) 577-9524, craig.jensen1@dva.wisconsin.gov

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

LOCATION: Wisconsin Veterans Home at King, Waupaca County

PROJECT REQUEST: Request the following:

- a) Approve the Design Report; and
- b) Authority to construct the Chiller Modifications for an estimated total cost of \$4,599,300 (\$1,609,800 GFSB and \$2,989,500 PRSB).

PROJECT NUMBER: 21H2D

PROJECT DESCRIPTION:

This project will relocate the existing 15,000-gallon fuel oil tank to the north side of the existing heating plant and construct a new 1,707 GSF chiller plant building. The project will install a new 1,150-ton single compressor electrically powered water-cooled chiller and ancillary equipment. The building and infrastructure will be sized to accommodate a second 1,150-ton chiller and ancillary equipment.

The new infrastructure and equipment layout will accommodate the replacement and enlargement of the existing chiller plant building in the future to allow for a third 1,150-ton chiller and ancillary equipment to be installed. The third 1,150-ton chiller will provide backup support for the VA chilled water system. This redundancy is needed for the facility's T2 building requirement.

Ancillary equipment will include variable flow primary chilled water pumps, condenser water pumps, expansion tank, side stream chilled water filter, make-up water, chemical treatment equipment, and roof mounted cooling towers with variable speed fans. Operation and control of the chilled water system will be integrated with existing chilled water controls.

PROJECT JUSTIFICATION:

Currently, there are two chillers in the Power Plant at King - Chiller #1 is a 29-year-old 890-ton unit and Chiller #2 is a 10-year-old 860-ton unit. On the hottest and/or most humid days, running both chillers, the plant can run at over 80% of chiller capacity, with capacity readings reaching as high as 93%. The John R. Moses building is planned to come online in the near future, which will add an additional 225,000 SFT of building to cool, resulting in a high likelihood of inadequate chiller capacity to cool all the square footage on the King Campus.

The two chillers currently at King can be run in tandem, but the operational process must be done manually at this time. Operating both chillers at once requires enough surface area in the cooling tower to transfer heat out of the system, and the current tower does not have adequate capacity for heat transfer when both chillers are running, forcing chillers to run at a high percentage of capacity. In addition, the design of the buildings on the King campus does not accommodate the opening of windows for cooling purposes.

With the current system, an extended power outage would leave King with no ability to operate a chiller. The existing generator serving the Power Plant, MacArthur Hall, Central Services, and Emergency Services cannot be used for this chiller due to capacity and life safety reasons. Therefore, there will need to be a generator component of this project which allows the chiller to be run during an extended utility outage.

With controls modified to run existing chillers together, variability can be taken out of the chiller operations and efficiencies will be gained. Monitoring could occur in the control room where the other controls are, rather than manually controlling chillers at the equipment.

DVA has applied to the USDVA State Homes Construction Grant Program for a grant to cover 65% of project costs, which will replace the PRSB when those funds are granted.

BUDGET/SCHEDULE:

Construction	\$3,325,000
Design	\$471,900
DFD Mgt	\$158,800
Contingency	\$643,600
TOTAL	\$4,599,300

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

PREVIOUS ACTION: This project was enumerated in 2021 Wisconsin Act 58 for \$4,599,300 (\$1,609,800 GFSB and \$2,989,500 PRSB).

DESIGN REPORT

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

August 9, 2022

Chiller Modifications
Wisconsin Veterans Home at King
Town of Farmington, WI

Project Number: 21H2D

For the: Department of Veterans Affairs - King

Project Manager: Robert Otremba

Architect/Engineer: Ring & DuChateau
Brookfield, WI

1. Project Description:

Work includes the construction of:

Relocate existing 15,000 gal. fuel oil tank to North side of existing heating plant to construct a new 1,707 GSF chiller plant building. The project will install a new 1,150-ton single compressor electrically powered water cooled chiller and ancillary equipment. The building and infrastructure is sized to accommodate a second 1,150-ton chiller and ancillary equipment.

Infrastructure and equipment layout will accommodate the replacement and enlargement of the existing chiller plant building in the future to allow for a third 1,150-ton chiller and ancillary equipment to be installed. Third 1,150-ton chiller will provide N+1 redundancy for the VA chilled water system. This redundancy is needed for the facility's T2 building requirement.

Ancillary equipment will include variable flow primary chilled water pumps, condenser water pumps, expansion tank, side stream chilled water filter, make-up water, chemical treatment equipment and roof mounted cooling towers with variable speed fans.

Operation and control of the chilled water system will be integrated with the existing chilled water PLC system.

2. Authorized Budget and Funding Source:

This project was enumerated in 2021 Wisconsin Act 58 for \$4,599,300 (\$1,609,800 GFSB and \$2,989,500 PRSB).

3. Schedule:

Bid Opening:	Mar 2023
Start of Construction:	Jun 2023
Substantial Completion / Occupancy:	May 2024

4. Budget Summary:

Construction:	\$3,325,000
A/E Fees:	\$471,900
DFD Mgt:	\$158,800
Contingency:	\$643,600
Total Project Cost:	\$4,599,300

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee	Full Commission
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13. 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		\$504,000
King	Replace Condensate Line (\$504,000 PR-CASH)	\$504,000

Subcommittee	Full Commission

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #13**

AGENCY: Department of Veterans Affairs

DVA CONTACT: Craig Jensen, (608) 577-9524, craig.jensen1@dva.wisconsin.gov

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

LOCATION: Wisconsin Veterans Home at King, Waupaca 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.

Utility Repair and Renovation			
LOCATION	PROJ. NO.	PROJECT TITLE	PR-CASH
Wisconsin Veterans Home at King (Waupaca Co.)	21K2T	Replace Condensate Line	\$504,000
Utility Repair and Renovation Total			\$504,000

PROJECT DESCRIPTION:

This project replaces approximately 80 lineal feet of existing steam lines. The project scope includes replacing high and low-pressure lines and pumped condensate return piping from the existing utility tunnel to Steam Pit 4. The new direct-bury pipes will be connected into the existing steam tunnel. Reconfiguration of the pipe in pit 4 will accommodate the new steam and condensate pipe and restore the area.

PROJECT JUSTIFICATION:

During a maintenance inspection, a leak was identified in the condensate line that could impact the Heating Plant's ability to provide heat for the buildings located on the Wisconsin Veterans Home Campus at King. This project is intended to repair and resolve the leak.

BUDGET/SCHEDULE:

Construction	\$400,000
Design	\$25,000
DFD Mgt	\$18,500
Contingency	\$60,500
TOTAL	\$504,000

SBC Approval	Aug 2022
A/E Selection	Jun 2022
Bid Opening	Sep 2022
Start Construction	Nov 2022
Substantial Completion	May 2023
Final Completion	Jun 2023

PREVIOUS ACTION: None.

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee	Full Commission
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Wisconsin State Fair Park

14. 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	\$2,683,600
SFP New Police Department Renovation	\$2,683,600
(\$2,683,600 GFSB)	

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #14**

AGENCY: Wisconsin State Fair Park

SFP CONTACT: John Decker, (414) 312-1170, John.Decker@wistatefair.com

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

LOCATION: West Allis, Milwaukee 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 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
State Fair Park (Milwaukee Co.)	21H3I	New Police Department Renovation	\$2,683,600
Facility Maintenance and Repair Total			\$2,683,600

PROJECT DESCRIPTION:

This project renovates the building located at 679 S. 76th Street to serve as the new location of the Wisconsin State Fair Park Police Department. The project scope includes demolishing finishes, existing doors, and minor wall modifications, removing the existing first floor HVAC system and replacing it with a new rooftop unit to serve the entire first floor. The building will also have new electrical service added, with a generator to back up the building electrical system. The space will be renovated to include a secure entrance with a metal detector, weapons lockup and prebooking area, interrogation room, evidence storage, and interview rooms. The remaining areas will serve as administrative functions.

PROJECT JUSTIFICATION:

The current location for the State Fair Park Police Department does not meet the Department's regulatory or programmatic needed. The new location is situated along the perimeter of the State Fair Park campus providing safe and controlled release points for individuals detained by State Fair Park Police.

BUDGET/SCHEDULE:

Construction	\$2,047,400
Design	\$199,800
DFD Mgt	\$94,200
Contingency	\$307,200
Other Fees	\$35,000
TOTAL	\$2,683,600

SBC Approval	Aug 2022
A/E Selection	Oct 2021
Bid Opening	Mar 2023
Start Construction	Jun 2023
Substantial Completion	Jun 2024
Final Completion	Jul 2024

PREVIOUS ACTION: None.

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee

Full Commission

Non-State Grant

15. Medical College of Wisconsin - Request the release of \$10,000,000 GFSB to the Medical College of Wisconsin for the construction of a Cancer Research Facility at the existing campus in Milwaukee.

This project was enumerated in 2019 Wisconsin Act 9 for \$10,000,000 GFSB.

Subcommittee	Full Commission

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #15**

AGENCY: Non-State Grant

NSG CONTACT: Kathryn Kuhn, (414) 955-8271, kkuhn@mcw.edu

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

LOCATION: Milwaukee County

PROJECT REQUEST: Request the release of \$10,000,000 GFSB to the Medical College of Wisconsin for the construction of a Cancer Research Facility at the existing campus in Milwaukee.

PROJECT NUMBER: 22G1P

PROJECT DESCRIPTION:

This request is for the construction of a 150,000 GSF facility to provide adequate research space and high-tech facilities expanding cancer research at the Medical College of Wisconsin (MCW), benefitting Wisconsin residents statewide. The new facility will provide the space for heightened collaboration between MCW's researchers and physician scientists to continue to expand MCW's cancer research portfolio to bring the newest treatments, approaches and biotech through the translational research pipeline to patients and Wisconsin's communities. By recruiting nationally renowned scientists and physician scientists, MCW will fuel significant economic growth and jobs through increased federal and private research and biotech startups.

The centralized Facility will become the literal and virtual home for these efforts and will serve as a hub for innovative research on the biological, genetic, and social causes of the extensive cancer burden and cancer disparities in Wisconsin, with cancer now being the most frequent cause of death in the state. The Facility will provide space to engage with MCW's community partners, research participants, and students within MCW's medical, pharmacy and graduate schools.

PROJECT JUSTIFICATION:

Cancer is a leading cause of death in Wisconsin, in 2020 11,654 Wisconsin residents died from cancer¹. The American Cancer Society estimates that another 37,320 Wisconsin residents will develop cancer in 2022. Cancer rates and mortality are higher in Wisconsin vs. the U.S. average, and Wisconsin's minorities suffer from significantly higher incidence and mortality rates.

Discrepancies in cancer rates also vary greatly by type across different regions of Wisconsin. Some of these discrepancies include:

¹ United States Center for Disease Control and Prevention:
https://www.cdc.gov/nchs/pressroom/sosmap/cancer_mortality/cancer.htm

- Elevated rates of high-mortality triple negative breast cancer in the eastern counties of the state, especially in Sheboygan, Oconto, and Marinette Counties.
- Higher than expected incidence rates and late-stage diagnosis for lung cancer in northern counties from Marinette and Oconto northwards and westward to Rusk and Chippewa counties. This trend is also true in Adams, Juneau, Monroe, and Columbia counties.
- The highest rates of lung cancer mortality are focused in central Wisconsin in Adams, Marquette, Portage and Waushara counties.

MCW research programs are focused on understanding these trends and expanding care to residents across the State. In 2008, MCW identified cancer as the institution’s top strategic priority. Since then, MCW has invested over \$180 million into a world-class Cancer Center, while also launching an aggressive and focused development of cancer clinical care, research, community engagement and infrastructure. Clinically, Froedtert & MCW’s Cancer Center serves over 3.4 million Wisconsin residents in a 24-county catchment area, spanning eastern Wisconsin and including large, underserved minority populations with significant cancer disparities and outcomes.

This request is consistent with the provisions of 2019 Wisconsin Act 9 requiring the grantee to document the existence of additional funding from non-state sources and provide construction plans to the DOA for review and approval. The existence of non-state funding has been identified by the grantee and the DOA staff has determined that the plans are consistent with the project as described. Upon SBC approval, a grant agreement between the Medical College of Wisconsin and the DOA will be executed to allow for the release of funding.

The funding for the Cancer Research Facility at the Medical College of Wisconsin is outlined below:

	As Enumerated	Current Estimate
State Grant	\$10,000,000	\$10,000,000
Required Grantee Match	\$8,500,000	\$8,500,000
Additional Grantee Contribution	\$76,500,000	\$134,500,000
TOTAL	\$95,000,000	\$153,000,000

BUDGET:

	As Enumerated	Current Estimate
Construction/Design	\$95,000,000	\$153,000,000
TOTAL	\$95,000,000	\$153,000,000

PREVIOUS ACTION: This project was enumerated in 2019 Wisconsin Act 9 for \$10,000,000 GFSB.

August 9, 2022

Subcommittee

Full Commission

HIGHER EDUCATION

University of Wisconsin System

16. UW-La Crosse – Graff Main Hall HVAC System

Renovation – Request the following:

- a) Approve the Design Report; and
- b) Authority to construct the Graff Main Hall HVAC System Renovation for an estimated total cost of \$13,822,000 GFSB.

This project was enumerated in 2019 Wisconsin Act 9 for \$13,822,000 GFSB.

Subcommittee	Full Commission

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
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-La Crosse, La Crosse County

PROJECT REQUEST: Request the following:

- a) Approve the Design Report; and
- b) Authority to construct the Graff Main Hall HVAC System Renovation for an estimated total cost of \$13,822,000 GFSB.

PROJECT NUMBER: 20D1B

PROJECT DESCRIPTION:

This project replaces the Graff Main Hall HVAC system with a new variable air volume system with reheat and variable-air-volume terminal units. Existing ductwork, that is functionally adequate will be cleaned, repaired, and returned to service. The project scope includes replacing three air handling units with five air handling units; replacing 12 existing exhaust fans with one heat recovery unit; installing a new central hot water heating system, new variable frequency drives, and motor starters; improvements in cooling for data and telecommunication rooms; and updated ventilation and controls.

PROJECT JUSTIFICATION:

Graff Main Hall was constructed in 1909 as the La Crosse Normal School as the original building on campus. In 1997, the building was renamed in honor of longtime vice chancellor, Maurice O. Graff. The facility has been heated with steam terminals since its original construction and uses campus steam and steam heating terminals located beneath the windows at exterior walls. The facility was renovated in 1979, but no significant capital reinvestment has occurred since. Most of the steam convectors and fin radiation units are at least 50 years old and the majority of the HVAC equipment and components are more than 40 years old.

The HVAC system does not have reheat coils making it difficult to maintain the temperature and ventilation in the building. Updating the building management system will allow better control of the heating and cooling schedules, resulting in a more efficient use of energy. Most roof exhaust fans that were installed in 1979 are in fair to poor condition and have exceeded their useful life expectancy. Most steam heating terminals, pneumatic steam control valves, pneumatic room thermostats, and steam traps have exceeded their life expectancy and require replacement. Heating a large volume building like Graff Main Hall completely with steam heating terminals requires high maintenance costs for steam trap repairs or replacements, and many areas of the building have banging steam pipes caused by steam condensate water hammer

phenomena. Many of the steam control valves leak and cause overheating of the spaces. The entire air distribution system for Graff Main Hall was replaced in 1979. The supply air terminals and controls are now 36 years old and are at the end of their useful life expectancy.

BUDGET/SCHEDULE:

Construction	\$10,605,100
Design	\$1,108,200
DFD Mgt	\$487,900
Contingency	\$1,590,800
Other Fees	\$30,000
TOTAL	\$13,822,000

SBC Approval	Aug 2022
A/E Selection	Mar 2021
Design Report	Aug 2022
Bid Opening	May 2023
Start Construction	Jul 2023
Substantial Completion	Mar 2025
Final Completion	May 2025

PREVIOUS ACTION: This project was enumerated in 2019 Wisconsin Act 9 for \$13,822,000 GFSB.

DESIGN REPORT

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

August 9, 2022

Graff Main Hall HVAC System Renovation
UW-La Crosse
La Crosse, WI

Project Number: 20D1B

For the: University of Wisconsin

Project Manager: Chris Stephan

Architect/Engineer: Design Engineers
Middleton, WI

1. Project Description:

This project replaces all the outdated, worn out, and under-performing equipment in Graff Main Hall and installs a new variable air volume system with reheat and variable-air-volume terminal units. Existing ductwork that is functionally adequate will be cleaned, repaired, and returned to service. The scope will include replacement of three air handling units with five air handling unit; replacement of 12 existing exhaust fans with one heat recovery unit; installation of a new central hot water heating system, new variable frequency drives, and motor starters; improvements in cooling for data and telecommunication rooms; and updated ventilation and controls.

2. Authorized Budget and Funding Source:

This project was enumerated in 2019-21, Wisconsin Act 9 for an amount \$13,822,000 GFSB.

3. Schedule:

Bid Opening:	May 2023
Start of Construction:	Jul 2023
Substantial Completion / Occupancy:	Mar 2025

4. Budget Summary:

Construction:	\$10,605,100
A/E Fees:	\$1,108,200
DFD Mgt:	\$487,900
Contingency:	\$1,590,800
Other Fees:	\$30,000
Total Project Cost:	\$13,822,000

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee

Full Commission

17. UW-River Falls – Science and Technology Innovation

Center – Request the following:

- a) Approve the Design Report; and
- b) Authority to construct the Science and Technology Innovation Center for an estimated total cost of \$116,730,000 (\$111,730,000 GFSB and \$5,000,000 Gifts/Grants).

This project was enumerated in 2021 Wisconsin Act 58 for \$116,730,000 (\$111,730,000 GFSB and \$5,000,000 GIFTS).

In May 2020, the SBC approved \$2,000,000 BTF-Planning to complete advance planning for this project.

2019 Wisconsin Act 9 allocated \$2,000,000 BTF-Planning for advance planning.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
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-River Falls, Pierce County

PROJECT REQUEST: Request the following:

- a) Approve the Design Report; and
- b) Authority to construct the Science and Technology Innovation Center for an estimated total cost of \$116,730,000 (\$111,730,000 GFSB and \$5,000,000 Gifts/Grants).

PROJECT NUMBER: 19I1M

PROJECT DESCRIPTION:

This project demolishes Hagestad Hall and constructs a replacement academic facility with the associated utility systems. The 131,300 GSF building will be the new home for the Biology, Chemistry, Physics, and Psychology departments, and will support the science suite of programs. The new facility will also provide support for the agricultural suite of programs and enhance and grow partnerships with businesses and industries through collaborative programming, internships, and innovative product development.

The new building will feature flexible undergraduate instructional laboratory suites, active learning studios, undergraduate and faculty research spaces, and shared interdisciplinary space. New instructional spaces will be expanded in comparison to the obsolete original spaces to accommodate the current space planning standards for square feet per student station, flexible furnishings, active learning studios, instructional technology, and increased computing and instrumentation requirements.

A new Business Collaboration Innovation Suite will provide a research laboratory, prototyping and maker space, collaboration area, and an internship/incubation office. Recent and active business collaborations include Fiberstar, Air Motion Systems, Crystal Manufacturing, Microscopy Innovations, Eurofins Biondiagnostics, Norton Publishing, Top Hat, Regional Materials and Manufacturing Network, and National Association of Materials Managers.

During design, it became apparent that the full scope of the project could not be accomplished within the enumerated budget. In order to keep the project scope within the enumerated budget, the UWSA and the campus agreed to a list of project items that could be removed from the scope without harming the overall mission of the project. The following scope components were identified to bring the project budget in line with the enumerated value as identified in the Design Report Summary: (1) Shelling of select instructional spaces and laboratory spaces; (2)

Omission of the greenhouse; (3) Omission of some exterior site elements; (4) Economization of mechanical, electrical, plumbing, and other utility services and systems; and (5) Economization of materials and finishes.

PROJECT JUSTIFICATION:

Based on current trending enrollment projections, science curriculum changes, and a desire to see a low-cost solution to meet science needs, a study of strategies was initiated in November 2017 to address UWRF’s future science, engineering, and technology facility requirements. This study investigated the practicality of reusing existing facilities to satisfy the university’s long-term science, engineering, and technology related space needs, and compared such reuse against replacement options. Building evaluations of three key campus buildings, Agricultural Science Building (1966), Centennial Science Building (1977) and Hagestad Hall (1959), demonstrated that despite maintenance, and several renovations, all three buildings had mechanical systems which had reached the end of their useful life, structural systems which challenged efficient space utilization, and laboratories and classrooms that did not meet the needs of UWRF’s existing science curriculum. Furthermore, these buildings provided limited opportunities for adaptation to meet changing science facility requirements. The study recommended a solution which remodeled the Agricultural Science Building and placed a new science building on the Hagestad Hall site as the most effective long-term solution.

BUDGET/SCHEDULE:

Construction	\$86,690,200
Design	\$8,458,500
DFD Mgt	\$3,987,800
Contingency	\$13,003,500
Equipment	\$4,590,000
TOTAL	\$116,730,000

SBC Approval	Aug 2022
A/E Selection	Feb 2020
Design Report	Aug 2022
Bid Opening	Feb 2023
Start Construction	May 2023
Substantial Completion	Apr 2025
Final Completion	Aug 2025

PREVIOUS ACTIONS: This project was enumerated in 2021 Wisconsin Act 58 for \$116,730,000 (\$111,730,000 GFSB and \$5,000,000 GIFTS).

In May 2020, the SBC approved \$2,000,000 BTF-Planning to complete advance planning for this project.

2019 Wisconsin Act 9 allocated \$2,000,000 BTF-Planning for advance planning.

DESIGN REPORT

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

August 9, 2022

Science and Technology Innovation Center
UW-River Falls
River Falls, WI

Project Number: 1911M

For the: University of Wisconsin

Project Manager: Evan Quilling, DFD

Architect/Engineer: BWBR Architects, Inc.
Madison, WI

1. Project Description:

This project constructs a new home for Biology, Chemistry, Physics, and Psychology departments, which will be relocated from Centennial Science Hall, and support the following programs: biology, biomedical and health sciences, biomedical engineering, biotechnology, chemistry, environmental engineering, international food business, neuroscience, physics, psychology, and urban agriculture. The new facility will also provide support for agricultural programs (agricultural education, agricultural science, animal science, crop and soil science, and dairy science) and enhance and grow partnerships with businesses and industries through collaborative programming, internships, and innovative product development. The former student center, Hagestad Hall (58,906 ASF/80,374 GSF), which was vacated upon completion of the renovation to Rodli Hall, will be razed to clear the proposed site designated for the replacement science facility

2. Authorized Budget and Funding Source:

This project was enumerated in the 2021-23 Wisconsin Act 58 for \$116,730,000 (\$111,730,000 GFSB and \$5,000,000 Gifts/Grants).

3. Schedule:

Bid Opening:	Feb 2023
Start of Construction:	May 2023
Substantial Completion / Occupancy:	Apr 2025

4. Budget Summary:

Construction:	\$86,690,200
A/E Fees:	\$8,458,500
DFD Mgt:	\$3,987,800
Contingency:	\$13,003,500
Equipment:	\$4,590,000
Total Project Cost:	\$116,730,000

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

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

Program Group 3 - Request the following:

- a) Authority to release \$6,949,500 GFSB of the total \$30,000,000 (\$26,000,000 GFSB and \$4,000,000 PRSB) allocation of the 2019-21 Minor Facilities Renewal Program Group 3;
- b) Authority to construct the specified project for an estimated total cost of \$6,949,500 GFSB; and
- c) Permit the Division of Facilities Development to adjust individual project budgets within the 2019-21 Minor Facilities Renewal Program Group 3.

2019-21 Minor Facilities Renewal, Group 3		\$6,949,500
MSN	Multi-Bldg Exterior Envelope Repair	\$6,949,500
	(\$6,949,500 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 \$66,131,000 from these enumerations.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
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 release \$6,949,500 GFSB of the total \$30,000,000 (\$26,000,000 GFSB and \$4,000,000 PRSB) allocation of the 2019-21 Minor Facilities Renewal Program Group 3;
- b) Authority to construct the specified project for an estimated total cost of \$6,949,500 GFSB; and
- c) Permit the Division of Facilities Development to adjust individual project budgets within the 2019-21 Minor Facilities Renewal Program Group 3.

2019-21 MINOR FACILITIES RENEWAL, GROUP 3

INST	PROJ. NO.	PROJECT TITLE	GFSB
MADISON (Dane Co.)	19G2N	Multi-Building Exterior Envelope Repair	\$6,949,500
2019-21 MINOR FACILITIES RENEWAL, GROUP 3 SUBTOTALS			\$6,949,500

AUGUST 2022 TOTALS	GFSB
	\$6,949,500

UW-Madison – Multi-Building Exterior Envelope Repair (19G2N):

Project Description and Justification:

This project repairs and replaces failed building envelope elements on Lathrop Hall and Van Vleck Hall. Lathrop Hall project work includes window refurbishment, installing storm windows, and repairing exterior stones and metal cornice. Van Vleck Hall project work includes repairing precast and concrete cladding, sealant joints, and soffit. Building envelopes have deteriorated and water damage is evident throughout the building causing building occupant complaints and concerns regarding mold growth and indoor air quality.

Budget/Schedule:

Construction	\$5,297,100
Design	\$417,400
DFD Mgt	\$251,300
Contingency	\$983,700
TOTAL	\$6,949,500

SBC Approval	Aug 2022
A/E Selection	Jul 2020
Bid Opening	Oct 2022
Start Construction	Mar 2023
Substantial Completion	Oct 2023
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 \$66,131,000 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
		<i>2019-21 Group 1 Subtotal</i>	\$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
	Oct 2021	MSN – Site Utility Electrical Distribution System Renovation and Replacement (19G2E)	\$5,047,000
	Dec 2021	MSN - Site Utility Steam Distribution Pit 59/10-Ag Bulletin/Soils/King Replacement (19G2D)	\$6,582,000
		<i>2019-21 Group 2 Subtotal</i>	\$24,808,500
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
	Oct 2021	MSN – Multi-Building Elevator Replacement (19G2P)	\$2,888,000
		<i>2019-21 Group 3 Subtotal</i>	\$17,527,000

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

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

Program Group 2 - Request the following:

- a) Authority to release \$3,789,000 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 \$3,789,000 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	\$3,789,000
SUP Barstow Science Lab/Applied Research	\$3,789,000
Reno (\$3,789,000 GFSB)	

2021 Wisconsin Act 58 authorized \$100,427,000 for UW Minor Facility Renewal projects in two categories, Groups 1 and 2. To date, the SBC has authorized \$7,397,000 from these enumerations.

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #19**

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 \$3,789,000 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 \$3,789,000 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
SUPERIOR (Douglas Co.)	21E3A	Barstow Science Laboratory & Applied Research Renovation	\$3,789,000
2021-23 MFR, GROUP 2 SUBTOTALS			\$3,789,000
AUGUST 2022 TOTALS			\$3,789,000

UW-Superior – Barstow Science Laboratory & Applied Research Renovation (21E3A):

Project Description and Justification:

This project renovates 6,500 GSF of instructional space creating new multi-discipline research laboratories for the biology, chemistry, and environmental science departments. The project scope includes removing and replacing the laboratory bench and casework, epoxy countertops, and associated sinks and power; augmenting the mechanical, electrical, low voltage and plumbing systems infrastructure and distribution to accommodate the new room functions and space layouts; replacing all architectural finishes, casework, lighting fixtures and controls, and technology equipment; and installing appropriate laboratory bench utility services for the new room configuration and space uses. Existing exhaust hoods and chemical storage cabinets shall remain and have been confirmed by campus to meet operational and safety requirements. Chairs and teacher stations will also be replaced.

The spaces specified in this project have not been substantially renovated since the 1959 construction of Barstow Science Hall. Updates to safety, technology and ventilation are also needed to provide safe and vibrant spaces and increase their utilization. Although several spaces in Barstow Science Hall have been recently remodeled under former projects, spaces on first and

third floors have remained untouched and in need of renovation. The renovated labs will provide universal research spaces to fulfill the increased instructional research needs, the renovation of outdated teaching labs to consolidate classes and create multi-disciplinary labs with updated technology and configurations that support active learning models. Research conducted in Barstow Science Hall includes studies in water quality, microplastics and bees as well as ballast water treatment.

Budget/Schedule:

Construction	\$2,760,000	SBC Approval	Aug 2022
Design	\$283,300	A/E Selection	Oct 2021
DFD Mgt	\$130,300	Bid Opening	Dec 2022
Contingency	\$496,800	Start Construction	Apr 2023
Equipment	\$118,600	Substantial Completion	Oct 2023
TOTAL	\$3,789,000	Final Completion	Jun 2024

Previous Action: 2021 Wisconsin Act 58 authorized \$100,427,000 for UW Minor Facility Renewal projects in two categories, Groups 1 and 2. To date, the SBC has authorized \$7,397,000 from these enumerations. The table below summarizes projects previously authorized by the SBC from these enumerations.

Group	SBC Mtg	Project	Amount Authorized
Group 2	Oct 2021	STO - Jarvis Hall Technology Wing Laboratory Infrastructure Renovation (20B21)	\$7,397,000
		<i>2021-23 Group 2 Subtotal</i>	\$7,397,000

BUILDING COMMISSION REQUESTS / ITEMS

August 9, 2022

Subcommittee	Full Commission
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20. 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 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		\$11,174,600
MSN	Arlington Ag Headhouse Boiler Repl (\$530,500 GFSB)	\$530,500
MIL	Kenilworth Square Chiller Repl (\$1,547,200 GFSB; \$1,430,800 PRSB)	\$2,978,000
OSH	Scott Hall/Student Rec Ctr Roof Repl (\$2,985,100 PRSB)	\$2,985,100
RVF	Prucha/Stratton Halls Elec Distr Sys Repl (\$1,831,000 PR-CASH)	\$1,831,000
STP	Multi-Bldg Elevator Reno (\$2,850,000 GFSB)	\$2,850,000
Utility Repair and Renovation		\$9,823,300
MSN	Alumni Ctr Lift Station Reno (\$304,600 GFSB; \$136,900 PR-CASH)	\$441,500
MSN	Linden Dr./C-S Hall Utility Corridor Reno (\$3,140,900 GFSB; \$1,411,100 PRSB)	\$4,552,000
STP	Athletic Fields Redevelopment (\$3,829,800 PR-CASH; \$1,000,000 GIFT)	\$4,829,800
TOTAL	\$8,373,200 GFSB \$5,827,000 PRSB \$5,797,700 PR-CASH \$1,000,000 GIFTS	\$20,997,900

**AGENCY REQUEST FOR
STATE BUILDING COMMISSION ACTION
AUGUST 2022
REQUEST #20**

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 to the agency's Infrastructure Maintenance Account; 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	GIFTS	TOTAL
MADISON (Dane Co.)	20I2Q	Arlington Ag Headhouse Boiler Replacement	\$530,500	\$0	\$0	\$0	\$530,500
MILWAUKEE (Milwaukee Co.)	20B3N-01	Kenilworth Square Chiller Replacement	\$1,547,200	\$1,430,800	\$0	\$0	\$2,978,000
OSHKOSH (Winnebago Co.)	21C1V	Scott Hall/Student Recreation & Wellness Center Roof Replacement	\$0	\$2,985,100	\$0	\$0	\$2,985,100
RIVER FALLS (Pierce Co.)	21G2G	Prucha Hall/Stratton Hall Electrical Distribution System Replacement	\$0	\$0	\$1,831,000	\$0	\$1,831,000
STEVENS POINT (Portage Co.)	19F2R	Multi-Building Elevator Renovations	\$2,850,000	\$0	\$0	\$0	\$2,850,000
FACILITY MAINTENANCE AND REPAIR SUBTOTALS			\$4,927,700	\$4,415,900	\$1,831,000	\$0	\$11,174,600

UTILITY REPAIR AND RENOVATION

INST	PROJ. NO.	PROJECT TITLE	GFSB	PRSB	PR-CASH	GIFTS	TOTAL
MADISON (Dane Co.)	20I1X	Alumni Center Lift Station Renovation	\$304,600	\$0	\$136,900	\$0	\$441,500
MADISON (Dane Co.)	20J1N	Linden Dr. & Chamberlin-Sterling Hall Utility Corridor Renovation	\$3,140,900	\$1,411,100	\$0	\$0	\$4,552,000
STEVENS POINT (Portage Co.)	21G1N	Athletic Fields Redevelopment	\$0	\$0	\$3,829,800	\$1,000,000	\$4,829,800
UTILITY REPAIR AND RENOVATION SUBTOTALS			\$3,445,500	\$1,411,100	\$3,966,700	\$1,000,000	\$9,823,300

AUGUST 2022 TOTALS

GFSB	PRSB	PR-CASH	GIFTS	TOTAL
\$8,373,200	\$5,827,000	\$5,797,700	\$1,000,000	\$20,997,900

UW-Madison – Arlington Agricultural Research Station (ARS) Headhouse Boiler Replacement (20I2Q):

Project Description and Justification:

This project demolishes and removes boilers and pumps at the ARS Arlington Headhouse; installs two new high efficiency condensing boilers with new pumps; and modifies piping to connect to the new boilers and pumps. The project scope also includes disconnecting, modifying, and reconnecting the electrical feeds to equipment and controls and insulating all heating hot water pipes. The current boilers were previously converted from fuel oil to natural gas, with all fuel oil components removed.

The Arlington Headhouse facility includes research of plant breeding and genetics, plant nutrient management and water quality, integrated pest management, and specialty crop production systems. It is the base for USDA IR-4 Federal Minor Crops Pesticide Registration Program studies that support reduced risk pest management solutions. It has a strong state impact with lab work to address water quality issues near agriculture, such as nitrate drinking water contamination. The current boilers are at the end of their useful life and have failed multiple times over the past few years, requiring substantial repairs to keep them operational. These boilers are inefficient, and the new boilers will be able to provide energy savings to the facility. The current boilers do not have adequate redundant capacity if one of them fails satisfy the building heating demand.

Budget/Schedule:

Construction	\$395,000
Design	\$58,000
DFD Mgt	\$18,200
Contingency	\$59,300
TOTAL	\$530,500

SBC Approval	Aug 2022
A/E Selection	Apr 2022
Bid Opening	Sep 2022
Start Construction	Nov 2022
Substantial Completion	Mar 2023
Final Completion	Jun 2023

Previous Action: None.

UW-Milwaukee – Kenilworth Square Chiller Replacement (20B3N-01):

Project Description and Justification:

This project replaces the 17-year-old HVAC chiller systems located within the six-story, Kenilworth Square East (KSE) building. The project scope includes replacing three air-cooled chiller units and the new units will include remote evaporators. The piping, electrical connections, and controls will be replaced as required for the new units. Project work also includes adding structural steel reinforcing under the rooftop platforms and modification of the adjacent roofing to support the new chillers.

The Kenilworth building was turned over to the university by U.S. General Services in 1971. Kenilworth East (KSE) was built by the Ford Motor Company in 1913 and later owned by General Motors. During World War II it was used by A.C. Spark Plug for the manufacture of bombsights. In 1943, the west addition (now Kenilworth Apartments or KSA) was constructed.

In 2005 a renovation funded through the Redevelopment Authority of the City of Milwaukee (RACM) and delivered by WEAS Development removed two bays between the original east building and west addition along with substantial interior remodeling work to form KSE and KSA as they are today.

The three 300-ton air-cooled packaged chillers were destined for another project overseas when they were purchased in 2005 at a discount when the overseas project order was cancelled. At start-up, the chillers had operational problems, especially on the refrigeration side of the systems leading to the compressor failures. Due to the refrigeration and oil circulation problems, 16 of the original 36 compressors were replaced within warranty about five years ago; and since, another nine have failed. Last summer, six compressors were replaced to make sure at least two chillers were completely functional. In addition to the compressor issues, campus mechanics have fixed refrigeration leaks, compressor oil leaks, and defective/unreliable controls. Due to the history of issues, ongoing problems, and obsolescence of the control parts, the units need to be replaced. To avoid a repeat of problems inherent with split systems, it is recommended that the evaporator/condenser packages remain as one outside and the chilled water circulating through the evaporator be glycol-treated to prevent late and early season freeze-up.

Budget/Schedule:

Construction	\$2,343,000	SBC Approval	Aug 2022
Design	\$174,700	A/E Selection	May 2020
DFD Mgt	\$107,800	Bid Opening	Jan 2023
Contingency	\$351,500	Start Construction	Mar 2023
Other	\$1,000	Substantial Completion	Apr 2024
TOTAL	\$2,978,000	Final Completion	Aug 2024

Previous Action: None.

UW-Oshkosh - Scott Hall/Student Recreation & Wellness Center Roof Replacement (21C1V):

Project Description and Justification:

The project replaces roofing systems and related flashings at Scott Hall (Areas 1, 4, 6, and 9) and the Student Recreation & Wellness Center (Areas 1 and 9). The project scope includes replacing approximately 58,600 SF of roof coverings at Scott Hall (17,200 SF) and approximately 41,400 SF of roof coverings at the Student Recreation & Wellness Center. Saturated insulation will be replaced, and new insulation will be installed, as required, to meet current energy code. Fully adhered Ethylene Propylene Diene Monomer (EPDM) roof systems will be installed along with associated flashings, coping, pipe boots, gutters, downspouts, and other roof accessories. The project also includes select masonry repairs and sealant joint replacements at the affected roof areas.

The roof sections are more than 14 years old and have required multiple annual patching and repairs to correct leaks. Recent site inspections have 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	\$2,368,200
Design	\$152,600
DFD Mgt	\$109,000
Contingency	\$355,300
TOTAL	\$2,985,100

SBC Approval	Aug 2022
A/E Selection	Apr 2021
Bid Opening	Jan 2023
Start Construction	Mar 2023
Substantial Completion	Dec 2023
Final Completion	Jan 2024

Previous Action: None.

UW-River Falls - Prucha Hall/Stratton Hall Electrical Distribution System Replacement (21G2G):

Project Description and Justification:

This project replaces the electrical distribution and emergency power backup systems at Prucha Hall and Stratton Hall. The project scope includes replacing aged electrical distribution systems, including medium voltage equipment, main distribution panels, branch circuit panels, and feeders for both Prucha Hall and Stratton Hall. The project also will provide emergency and optional standby power for life safety systems and critical equipment necessary to prevent building freeze-up or flooding in an outage. Emergency and optional standby automatic transfer switches and distribution equipment will be installed. Circuits will be extended and connected to new distribution equipment and a connection to a generator recently installed as part of May Hall project will also be provided.

Prucha Hall and Stratton were built in 1960 and 1958, respectively. The electrical equipment in both buildings is original and has reached the end of its useful life. The primary transformers are rated for 112.5 KVA; peak loads of 120 KVA and associated overheating have been reported. Breakers in a similar main distribution panel elsewhere on campus have failed and only refurbished parts are available. Electrical panels are full throughout both buildings with no room to install additional circuits. Maintenance calls for tripped breakers are common for the student resident rooms, as each circuit feeds multiple rooms. The hall manager apartments are fed from several separate electrical panels, which is a code violation. The addition of emergency panels will allow critical loads like radiant heat pumps to be powered by the new generator in May Hall, preventing winter freezing during a main electrical supply interruption. This work will allow building residents to remain in their rooms during a power outage any time of the year.

Budget/Schedule:

Construction	\$1,414,000
Design	\$140,000
DFD Mgt	\$65,100
Contingency	\$211,900
TOTAL	\$1,831,000

SBC Approval	Aug 2022
A/E Selection	Sep 2021
Bid Opening	Dec 2022
Start Construction	Mar 2023
Substantial Completion	Aug 2023
Final Completion	Dec 2023

Previous Action: None.

UW-Stevens Point - Multi-Building Elevator Renovations (19F2R):

Project Description and Justification:

This project renovates and replaces elevators in the Noel Fine Arts Center and the Science Building. Noel Fine Arts Center project work includes renovating a two-stop elevator by installing a new pumping unit, door panels, operators, interior car finishes, lighting, and new double-bottom hydraulic cylinder. This project also replaces the entire stage lift system with a new above ground drive system and controls. Science Building project work includes modernizing two hydraulic passenger elevators: a four-stop unit and a five-stop unit. The controller, power unit, pumps, car enclosure, car doors, door operators, lighting, signal fixtures, and car finishes for the four-stop unit will be replaced. The controller, door operators, lighting, signal fixtures, and car finishes will be replaced on the five-stop unit. The building fire alarm and smoke detection systems will be modified as required for both units.

The Noel Fine Arts Center stage lift condition is deteriorating rapidly, leaking hydraulic fluid, and has pressure and leveling issues, which are becoming more frequent. The passenger elevator has become a financial challenge due to its deteriorated infrastructure and dated technology. This elevator relies on electromechanical relays and hard-wired circuitry, which is prone to failure and associated with extensive troubleshooting. The Science Building passenger elevator is also a financial challenge due to its deteriorated infrastructure and dated technology. This elevator relies on electromechanical relays and hard-wired circuitry, which are prone to failure and associated with extensive troubleshooting. Based on the historic maintenance data, this trend is likely to continue.

Budget/Schedule:

Construction	\$2,161,000
Design	\$207,800
DFD Mgt	\$99,500
Contingency	\$325,000
Other Fees	\$56,700
TOTAL	\$2,850,000

SBC Approval	Aug 2022
A/E Selection	Sep 2019
Bid Opening	Dec 2022
Start Construction	Mar 2023
Substantial Completion	Sep 2024
Final Completion	Dec 2024

Previous Action: None.

UW-Madison - Alumni Center Lift Station Renovation (2011X):

Project Description and Justification:

This project renovates the sanitary lift station serving the Alumni Center. The project scope includes replacing outdated equipment that has begun to fail, modifying the layout to better accommodate routine maintenance and emergency operations, and relocating pump controls to a more appropriate area not susceptible to water damage. This project will ensure continuous and reliable sanitary service preventing any potential environmental damage caused by a system failure. The equipment is beyond its intended useful life and the station requires frequent monitoring and repairs to maintain an acceptable level of operation. The physical layout of the

station makes it difficult and unsafe to perform routine maintenance and/or emergency operations. The pump controls are located in the wet well, which presents a high probability of system failure because controls could be inundated with sewage. If the wet well floods, there are few options to access the pump controls for repair or for emergency operation. There is no hoist or rail system to allow safe removal and maintenance of the pumps.

Budget/Schedule:

Construction	\$322,200
Design	\$47,200
DFD Mgt	\$14,900
Contingency	\$48,300
Other Fees	\$8,900
TOTAL	\$441,500

SBC Approval	Aug 2022
A/E Selection	Oct 2020
Bid Opening	Feb 2023
Start Construction	Jun 2023
Substantial Completion	Feb 2024
Final Completion	Jun 2024

Previous Action: None.

UW-Madison – Linden Dr. & Chamberlin-Sterling Hall Utility Corridor Renovation (20J1N):

Project Description and Justification:

STERLING HALL UTILITIES: Project work includes removal and replacement of existing steam pit, removal and replacement steam box conduit and piping, installation of primary electrical duct bank, upgrade of a power switch, and installation of domestic water service. All this work will happen in the vicinity of Charter Street and Sterling Hall.

LINDEN DR. UTILITIES: Project work includes replacing domestic water main along Linden Dr. reinsulating high-pressure steam and pumped condensate return piping from Babcock Hall to Pit 84/9, and replacement of the western portion of Steam Pit 120/10 located on the south side of Parking Lot 40.

The oldest section of water main between Babcock Hall and the Dairy Cattle Center dates back to 1899. Since 2016, there have been five recorded pipe failures causing disruption and closure of Linden Drive for repair. Due to the failures and washout of the soils below the road, several sink holes developed after each occurrence, which also required repair. One of the failures resulted in flooding of the utility tunnel at Babcock Hall and the steam box conduit to the west of the tunnel. The tunnel was repaired but the steam box conduit insulation has failed and needs to be replaced.

Budget/Schedule:

Construction	\$3,599,500
Design	\$224,900
DFD Mgt	\$165,600
Contingency	\$539,900
Other	\$22,100
TOTAL	\$4,552,000

SBC Approval	Aug 2022
A/E Selection	Mar 2021
Bid Opening	Feb 2023
Start Construction	May 2023
Substantial Completion	Oct 2023
Final Completion	Jun 2024

Previous Action: None.

UW-Stevens Point - Athletic Fields Redevelopment (21G1N):

Project Description and Justification:

This project redevelops athletic and recreational fields north of the Marshfield Clinic Champions Hall (MCCH) facility. The project scope includes multi-use artificial turf fields, improved outdoor lighting, bleachers, and fencing. Redeveloped fields will provide a safe outdoor facility for classes, athletics, and student recreation while relieving scheduling pressures within MCCH. Project work includes excavation of the former football practice fields to create a multi-purpose artificial turf field. The soils will be replaced with filtration fabric, engineered fill, and drain tile to provide the required support and drainage for the installation of the artificial turf field. Adjacent bleachers, lighting, and related infrastructure will be required, as well as protective fencing around the fields.

UW-Stevens Point has 19 NCAA Division III sports, 31 club sports, and numerous student organizations utilizing the athletic facilities. Outdoor athletic facilities are in a deteriorated state, many of which are due to poor drainage and short growing seasons. Deteriorated field conditions, drainage issues, and lack of outdoor lighting reduce opportunities for use by academics, athletics, and student recreation has resulted in scheduling pressures for spaces within MCCH. Redeveloping the existing outdoor football practice fields as multi-use artificial turf fields will alleviate the scheduling congestion by allowing multiple activities to take place outdoors as well as extend the season in which outdoor facilities are usable.

Budget/Schedule:

Construction	\$3,825,600
Design	\$254,400
DFD Mgt	\$176,000
Contingency	\$573,800
TOTAL	\$4,829,800

SBC Approval	Aug 2022
A/E Selection	Sep 2021
Bid Opening	Dec 2022
Start Construction	Apr 2023
Substantial Completion	Oct 2023
Final Completion	Jun 2024

Previous Action: None.