

Department of Military Affairs Capital Investment Requests

Major General Shawn Manke – The Adjutant General

Mr. Donald Kerr – Executive Director

25 March 2024

Requests for information from House Capital Investment

2023 Asset Preservation Appropriations (if applicable)

1. How much is spent/encumbered?
2. How much of the unspent is obligated in terms of projects that are planned and in procurement/contracting?
3. What projects do you have queued up for completion?
4. What is the project timeline for each line-item building project (not AP) in 2023 appropriations?

2024 Recommendations

1. What will the Governor's asset preservation amount fund?
2. When will the asset preservation amount be expended?
3. What is the project timeline for each line-item building project (not AP) in 2024 recommendations?

Status of 2020/2023 Capital Investment Projects

Fergus Falls Readiness Center

DESCRIPTION: Major renovation of the Fergus Falls Readiness Center. The project will improve the functionality of the facility as well as better accommodate the units assigned and sustain the life of the facility into the future.

STATE FUNDS:

Bond Proceeds:	\$ 2,900,000
Encumbered :	\$ 2,156,000
Remaining :	\$ 744,000



Current Status:

Fergus Fall Renovation 100% substantially complete. Facility is currently under warranty and FMO DMA assumed full possession on 2 May 2023.

Next Steps:

10-month warranty walk-through is scheduled for this month.

Moorhead Readiness Center

DESCRIPTION: Design and construct a major renovation and minor addition to the Moorhead Readiness Center. The project will improve the functionality and efficiency, better accommodate the units assigned, and sustain the life of the facility into the future.

STATE FUNDS:

Bond Proceeds:	\$ 6,200,000
Encumbered :	\$ 5,686,000
Remaining :	\$ 514,000



Current Status:

Moorhead Renovation is currently under construction. Construction completion is at 85% and substantial completion is scheduled for 16 April 2024.

Next Steps:

Upon completion of construction, installation of furniture and re-occupancy by the unit is anticipated 25 May 2024.

Rosemount Readiness Center

DESCRIPTION: Major renovation of the Rosemount Readiness Center. \$1,000,000 for design of this renovation was included and funded in the 2020 Capital Bonding bill. \$25,080,000 in bond proceeds were approved as part of the 2023 bonding bill. Renovation includes the complete interior renovation, exterior repairs, and improvement to select site components, totaling 99,522 gross square feet on a 13.3-acre site.

STATE FUNDS:

Bond Proceeds:	\$ 26,080,000
Encumbered :	\$ 24,330,000
Remaining :	\$ 1,750,000

Current Status:

Rosemount Renovation is currently under construction. Construction completion is at 5% and substantial completion is scheduled for 1 August 2025



Next Steps:

Contractor continues with interior demolition of mechanical, electrical, and plumbing systems. Site preparation of unit supply storage and vaults on Northwestern portion of the building.

Marshall Readiness Center

DESCRIPTION: Design and construct a major renovation and minor addition to the Marshall Readiness Center, as well as relocate the facility motor vehicle storage compound. The project will improve functionality and efficiency, better accommodate the units assigned, and sustain the life of the facility into the future.

STATE FUNDS:

Bond Proceeds:	\$ 7,852,000
Encumbered :	\$ 45,000
Remaining :	\$ 7,807,000



Current Status:

Marshall Renovation is currently under construction. Abatement of the facility began 11 March 2024. Construction contract is currently routing and anticipated substantial completion is 18 months from issuance of the notice to proceed, approximately September 2025.

Next Steps:

Issue notice to proceed (NTP), once the contract is signed. Once the NTP is issued, the contractor will begin interior demolition of mechanical, electrical, and plumbing systems. This will also include site preparation for additions that include a maintenance training bay on the west end of the facility, unit supply storage and vault on south side, and structural rough-ins for the mezzanine for the facility.

Arden Hills ACFT Fieldhouse

DESCRIPTION: Design and construct a new facility to accommodate the Army Combat Fitness Test (ACFT). The approximately 49,000 square foot facility will house equipment to train for the ACFT and provide a temperature controlled indoor space consisting of 16 ACFT lanes with a 200-meter running track. The facility will allow service members to train for and complete the ACFT in the winter months.

STATE FUNDS:

Bond Proceeds:	\$ 17,600,000
Encumbered :	\$ 0
Remaining :	\$ 17,600,000



Current Status: The design request for proposals is in the queue at the State Designer Selection board. Schedule to select a design firm:

- State Register Posting: 03/18/24 and 03/25/24
- Site Visit/Informational Meeting, 03/27/2024
- Proposals Due: Monday, 04/8/2024
- Shortlisting: Thursday, 04/25/2024
- Interviews: Thursday, 05/09/2024
- Contract negotiation and execution: mid-June 2024

Next Steps:

Once a design firm is under contract, a one-year period to design is anticipated, with bidding to award construction anticipated in the Summer of 2025 and completion of the facility in the Summer of 2026.

Minnesota Military Museum at CRTC

DESCRIPTION: \$32.755 million in state funds were appropriated in three tranches to design and construct the Minnesota Military Museum at Camp Ripley.

STATE FUNDS:

Year	Law (CH)	Amount
2020	s5ch3	\$13,000,000 bond proceeds
2023	38	\$14,055,000 cash
<u>2023</u>	<u>71</u>	<u>\$ 5,700,000 bond proceeds</u>
Total		\$ 32,755,000

Encumbered : \$ 2,000,000

Remaining : \$ 30,755,000

* 2020 Bond Funds - \$13M need extension due to 31 Dec 2024 expiration date.

Current Status: The MN Military Museum is currently at 95% design and architect is working through design review documents to produce the bid documents the week of 18 March 2024.



Next Steps: Bidding for construction is anticipated late Spring/ early Summer 2024 with approximately 18 months for the construction performance period.

Once the construction is complete, installation of exhibits will precede opening to the public. Soft opening is tentatively set for Veteran’s Day 2025. Grand opening tentatively set for Memorial Day 2026.

2024 Governor's Request

Governor's Proposal

The Governor recommends \$3 million to design a new hangar to hold aircraft at the Duluth International Airport in support of the 148th Fighter Wing of the Minnesota Air National Guard.

The cost of the total project, which would eventually replace existing hangars, is estimated to be \$28 million. The project is anticipated to be fully state supported.

148th Fighter Wing Aircraft Hangar

The Department of Military Affairs requests **\$3,000,000** to design a new Universal Fighter Aircraft Hangar.

The Duluth Airport based 148th Fighter Wing is equipped with the F-16CM, Fighting Falcon, the newest F-16s in the U.S. Air Force fleet.

The current structure was built for the Duluth Air Force Base in 1958. It was relocated to the 148th Fighter Wing, on the northeast side of the airport in the 1980s.

The current hangar was not purpose-built for modern fighter aircraft and has significant structural and safety issues. Further, it is not capable of being used for future fighter aircraft including the F-35.



Pictured above is the 75th anniversary heritage paint scheme of the 148th Fighter Wing at the 50th anniversary event of the F-16 Fighting Falcon

148th Fighter Wing Aircraft Hangar



These facilities have exceeded their useful life. Water infiltrates during all seasons, creating electrical safety hazards and challenges working around the aircraft. In the winter, ice forms near the entrances, folding doorways, and between the structures. These hazards pose risks to personnel and aircraft. The lightning protection for these buildings is inadequate to protect aircraft and personnel. These facilities operate under a permanent waiver from the U.S. Air Force for wingtip clearance because of the inadequate size of the hangars.

148th Fighter Wing Aircraft Hangar

When evaluating the design for the replacement structure, it is important to factor in the future requirements for the next generation of fighter aircraft. That may include the F-15EX, F-35, or another future fighter yet to be named. The design will include sufficient space to accommodate the width and length of potential fighters, along with any specialized equipment needed.



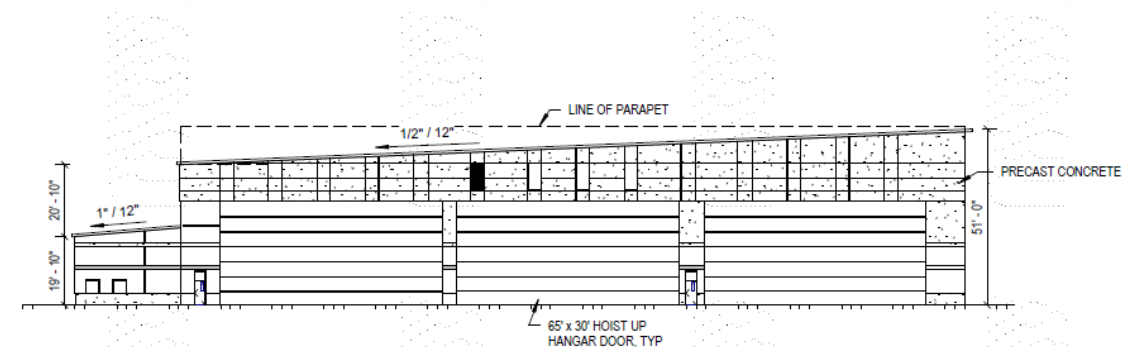
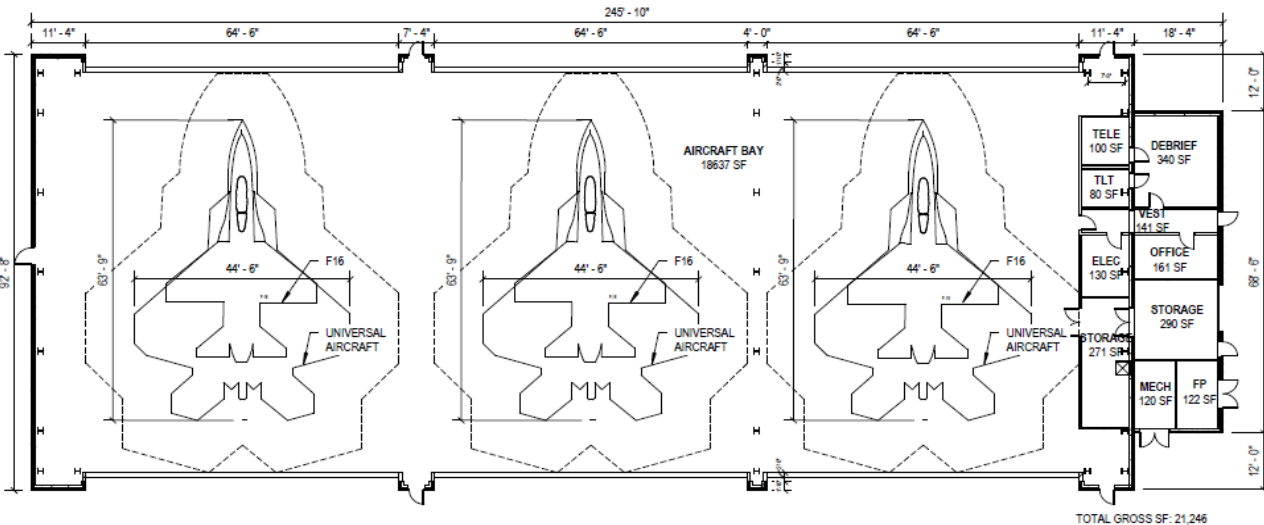
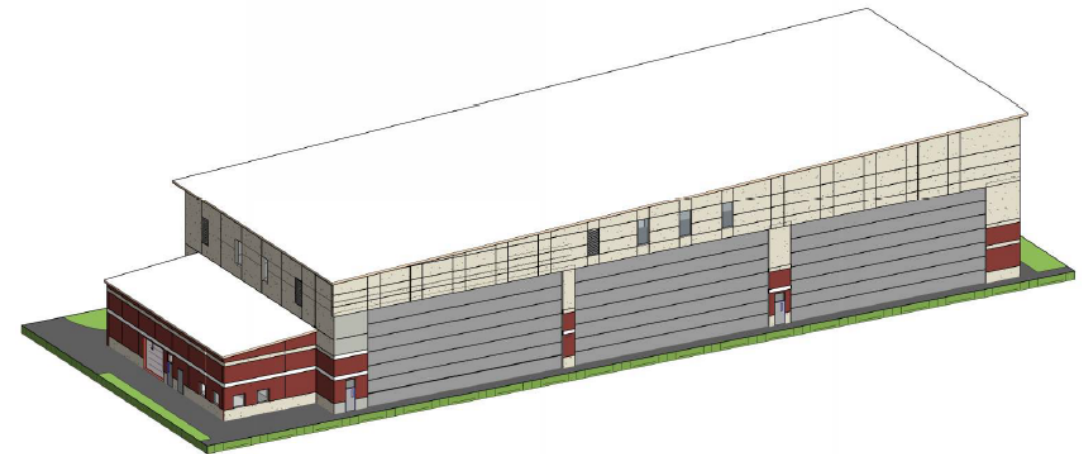
Pictured above is an F-15EX. The F-15EX builds upon a proven airframe with modern controls, engines, radars, avionics, and weaponry. The F-15EX is the U.S. Air Force's low-cost solution to producing and quickly delivering modernized 4th generation fighters.



Pictured above is the F-35, the U.S Air Force's latest fifth-generation fighter. The F-35 is an agile, versatile, high performance, 9g capable multirole fighter that combines stealth, sensor fusion and unprecedented situational awareness.

148th Fighter Wing Aircraft Hangar

- Three (3) bay shelter, each bay is 65' wide with 30' high doors
- Designed for a “universal aircraft” 45' wide by 64' long
- Design facilitates future expandability for up to eight bays
- Design 12-15 months
- Construct 18-24 months



148th Fighter Wing Aircraft Hangar

Why fund a hangar?

- This state commitment will likely influence future decisions regarding the strategic basing of replacement fighter aircraft

What is at risk?

- The Minnesota Air National Guard is Duluth's seventh largest employer
- The Minnesota National Guard provides ~\$3.6M annually in fire protection services for the Duluth International Airport plus a multi-million-dollar federal investment in equipment and buildings.
 - Loss of a flying mission would shift this burden onto the airport authority.







Questions?