

Capital Projects

FY23

Capital Projects – VMNH-Foundation Funded

Jean S. Adams Education Pavilion:

Update:

The department of general services has approved the final set of working drawings. The final day to accept bids will be February 9, 2023, by 2:00 PM. If a construction firm's bid is accepted the construction will be scheduled for spring 2023.

This project will include the installation of a multifunctional three season canopy to the rear of the building. As well as the renovation of the building exiting stairs down to Oakdale Street.

Total Estimated Costs: N/A Pending Construction Contact

Capital Projects – Federally Funded

Energy Service Companies Proposal:

Update:

We have completed several Energy Conservation Measures (ECMS) to date. The lighting throughout the building has been upgraded to LEDs. Solar panels have been installed on the roof of the Starling Avenue building. Refrigerant Catalyst has been added to the heating and cooling system and the insulation and weatherization portions of the project have been completed.

ECMs that remain to be completed include the installation of the generator heat pump the finalization of the HVAC recommissioning, and the installation of the 2 Fast EV charging stations.

Project Summary:

Energy service companies (ESCOs) develop, design, build and arrange to finance for projects that save energy, reduce energy costs, and decrease operations and maintenance costs at their customers' facilities. In general, ESCOs act as project developers for a comprehensive range of energy conservation measures (ECMs) and assume the technical and performance risks associated with a project.

Scope of the Final Project:

ECM Description	ECM Scope	% Complete
Strategic LED Retrofit (ARRA)	1,049 LED Retrofits, 57 Enlightened Sensors	96% Work remaining is: Enlightened sensors to be complete the week of 1/16 Atrium Lights to be scheduled
Insulation and Weatherization	Repair/replace door weatherstrips, sweeps, astragals & garage door seal. Inspect & seal exterior windows & vents. 697 linear feet. Insulate window wall 525 sf.	100%
HVAC/ BAS Recommission (ARRA Compliant)	Inspect & repair & recommission HVAC including 25 AHU, 2 Chillers, 2 boilers, 81 VAVs, 17 humidifiers, BAS, sensors & controls.	97% complete Chillers were never fully commissioned due to faulty equipment which has recently been repaired. Commissioning to occur the week of 1/16. More training will be provided for BAS operations and humidifiers
IceCold Refrigerant Catalyst - 130 ton	Add 80 ounces of refrigerant catalyst.	100%
IceCold Refrigerant Catalyst - 270 ton	Add 130 ounces of refrigerant catalyst.	100%
Generator Heat Pump	Install generator block heater HP in parallel with existing heater.	100%
59.6 kW Solar (Metal Roof Only)	Install 59.6 kW solar array (142 panels, two inverters) on the metal roof & grid-tie behind the meter.	100%
Two Level 3 DC Fast EV Chargers	Install 2 EVgo Delta 25 kW Fast DCF Chargers to be supplied by VMNH	98%

Capital Projects – Pool Funded

VMNH-Waynesboro – New Facility Construction

Glavé & Holmes Architecture has completed the conceptual design phase of the project and moved onto the schematic design phase.

Schematic Submittal as defined by the Construction and Professional Services Manual (CPSM)

The purpose of the schematic submittal is to further develop data, detail and scope including schematic plans, as well as verify the data and program contained in the Capital Project Request. The project scope established by the schematic design, as agreed to by VMNH and the A/E and as approved by **DEB*/DGS*/DPB***, shall become a part of the A/E Contract as further definition of the scope described in the Capital Project Request data.

The schematic submittal shall include an updated/current project scope profile, a listing of the assignable rooms and spaces, which was used as the basis for development of the schematic design, and a cost estimate.

Funding

The project as of January 1st, 2023 has not been moved for the Detail Planning funding pool to the Capital Projects funding pool.

Authorization was granted to infuse an additional \$1,148,000 Funds (09650) into this project such that the total funds available are now \$1,148,000. Authorization is further granted to prepare the schematic design in accordance with the current Construction and Professional Services Manual. The total Detailed Planning cost shall not exceed \$1,148,000. This action supersedes that of CO-2 dated July 9, 2019 and approved August 12, 2019 only concerning the infusion of funds, total funds available, and project budget breakdown. Mike Coppa - DGS (Department of General Services)

The Department of Planning and Budget has released an initial - \$750,000 required to start the Detail Planning process.

We have signed the MOU with James Madison University and plan to bring them on to act as the agency's project manager. They will join the team as part of the selection committee and participate in the interviews.

***DEB – Department of Engineering and Building**

***DGS – Department of General Services**

***DPB – Department of Planning and Budget**

A/E Proposed Timeline***

The following schedule shall apply to the A/E's Services

Schematic Design Phase: October 13, 2022 – December 15, 2022

Preliminary Design Phase: January 1, 2023 – May 19, 2023

Working Drawings: July 3, 2023 – Feb 14, 2024 (Pending Funding)

Construction Phase: March 15, 2024 – August 1, 2025

DATES AND TIMES SUBJECT TO CHANGE***