

# CAPITOL CAMPUS UPGRADES

Finance and Administration Cabinet

July 2020



# Needs of the Capitol Currently under Study/Design

- ▶ Exterior Renovations
- ▶ Mechanical/Electrical/Plumbing (partially funded)
- ▶ Low and Medium Voltage

# Capitol Building Exterior Repairs

- ▶ Currently, procuring a design professional; estimate procurement will be complete this month
- ▶ The work has been budgeted at \$7,000,000 and will address:
  - ▶ **Capitol Dome** - Survey and identify masonry restoration and maintenance requirements; the dome was restored in 1998 and it is due for cleaning, painting, repointing mortar and general maintenance.
  - ▶ **Roof Maintenance and Masonry** - The Capitol roof was replaced in 2005 and remains under a Siplast warranty that expires in 2025. A recent infrared survey indicates that water has infiltrated the roofing system through porous brick masonry at the roof perimeter. This project will restore the water-tight integrity of the brick masonry and replace/maintain roof areas as required.
  - ▶ **Window Restoration** - There are over 200 windows in the Capitol. This project will survey, document and specify levels of restoration required at each window opening in accordance with National Park Service, U.S. Department of the Interior, Secretary of the Interior Standards for the treatment of historic properties.



3. Roof 'I-3'- Overview of roof.



4. Roof 'I-3'- Wet area.



6. Roof 'I-3'- Wet area.





# Mechanical, Electrical, Plumbing

- ▶ Upgrade of the Mechanical/Electrical/Plumbing throughout the Capitol is estimated to cost \$42 million
- ▶ Phase I was funded in the 2018-2020 Capital Budget, “Upgrade Capitol Mechanical and Electrical Systems, Phase I”, \$4.5 million
- ▶ Phase II is partially funded by a project in the FY 2021 Executive Branch Budget, “Upgrade Capitol Campus”, \$22 million



# Mechanical, Electrical, Plumbing Phase I

- ▶ Update the mechanical, electrical, and plumbing systems infrastructure located in the basement of the Capitol
- ▶ Upgrade basement restrooms
- ▶ Requires temporary relocation of a limited number of offices in the basement

This project is expected to take approximately one year and is anticipated to begin in the spring of 2021.

# Mechanical, Electrical, Plumbing

## Phase II

- ▶ Upgrade systems on floors 1 through 4 in a quadrant manner for phased development
- ▶ Includes electrical infrastructure, lighting improvements, restroom renovations, and upgraded mechanical systems
- ▶ Will require temporary relocation of office space on each floor

Due to the phased approach, this project is anticipated to take approximately three years to complete.





Current Low Voltage Situation

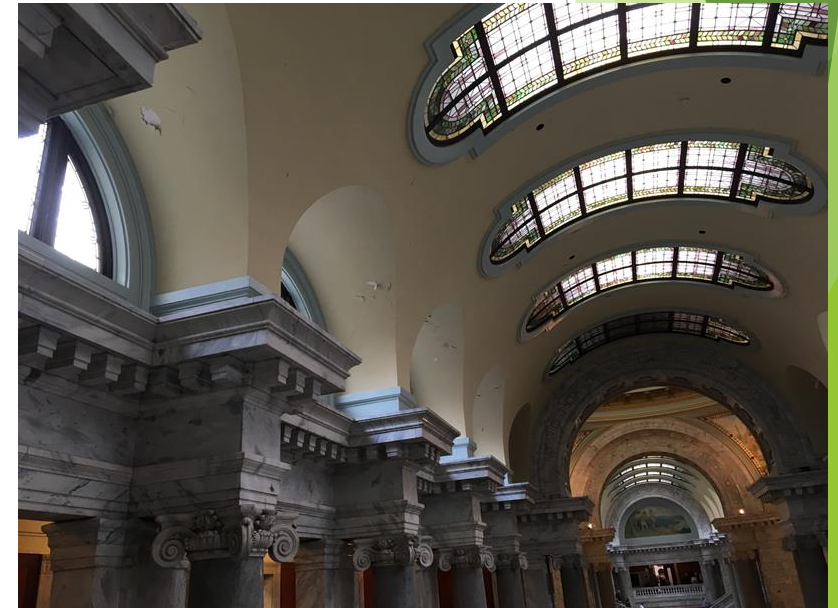
# Low Voltage and Medium Voltage Upgrades

- ▶ The current low voltage system, powering things like computers and phone systems, does not meet code due to the fact that 100 years worth of wiring is still in place
- ▶ This project will remove outdated systems that were not installed by current code standards and bring the system up to code with updated infrastructure
- ▶ This upgrade is budgeted to cost \$2 million and is part of the \$22 million “Capitol Campus Upgrade” project funded in the FY21 Budget
- ▶ This project will be run concurrent with the Mechanical Electrical Plumbing Phase I project
- ▶ The current medium voltage system is not standardized to the Capitol campus
- ▶ The medium voltage upgrade is currently under design and a cost estimate is not yet available



# Additional Projects On Capitol Campus Not Currently Funded

- ▶ Remainder of the mechanical, electrical, and plumbing upgrades
- ▶ Great Hall plaster repair
- ▶ Capitol terrace renovation
- ▶ Capitol Annex tuck-pointing and cleaning



## For additional information:

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