

University of Maryland, Baltimore County (UMBC) FY 2020 Capital Budget



- Much of UMBC's campus infrastructure is over fifty years old and has reached the age and condition at which critical and disruptive problems frequently occur. The campus has experienced numerous major electrical system failures leading to partial and total campus closures, water main breaks interrupting service and destroying property, and high temperature hot water leaks resulting in energy loss and safety risks.
- Based on the results of a comprehensive utility condition assessment, the cost of needed repairs, replacements, and upgrades approaches \$50 million.
- The university has developed a phased approach to address these deficiencies while continuing to focus on preventive maintenance of system components that are currently in good working order. However, campus resources are insufficient to remedy all documented deficiencies as quickly as needed.
- Over a period of three years, the Utility Upgrades project scope will include: replacement of a primary high-temperature, hot-water generator that has ruptured and cannot be economically repaired; replacement of deteriorated electrical distribution system components including feeders, transformers, and switchgear; repair of damaged utility tunnels; refurbishment of domestic water lines; replacement of deteriorated exterior lighting system components; and construction of stormwater management facility to address MS4 environmental regulations and prevent pollution of downstream watersheds.
- UMBC is grateful to the Governor and the General Assembly for recognizing the strategic importance of infrastructure renewal through their support of this \$17.3 million project with \$1.7 million in FY 2020 GO bond funding and \$2.346 million in FY 2020 ARB funding to begin construction. This year's funding, along with pre-authorization of FY 2021 and FY 2022 construction funding, will allow the university to address the most critical deficiencies as early as possible to ensure continuity of operations, extend useful life, and improve energy efficiency.