

Howard County
Capital Budget FY 2026

Council Work Session No.1
"Water, Sewer & General County"

Department of Public Works

S6602

LPWRP Capital Repairs and Upgrades

Progress To-Date

- **\$22.4M spent/encumbered through February 2025**
- **Major Projects – Completed**
 - Maintenance Building Roof Replacement (\$150K)
 - Plant Automation Improvements (\$200K)
 - Flood Risk Mitigation Study and Plan (\$300K)
 - Emergency Eyewash/Shower Station Improvements (\$780K)
 - Biosolids Storage Silos Outlets Oiling System (\$1M)
 - UV Disinfection System Repairs (\$1M)
 - Denitrification Filter Media Replacement and Repairs (\$2M)
 - LPWRP Facility Master Plan (\$2M)
 - Motor Control Center MCC-5 Replacement (\$5M)
- **Major Projects – Ongoing Construction**
 - Phosphorus Precipitation System Improvements (\$500K)
 - East Gallery Slab Temp. Support, Assessment, and Repair (\$500K)
 - Emergency Polymer Storage (\$1M)
 - Plantwide Fire and Employee Alarm System (\$2.4M)



UV Disinfection System Repairs

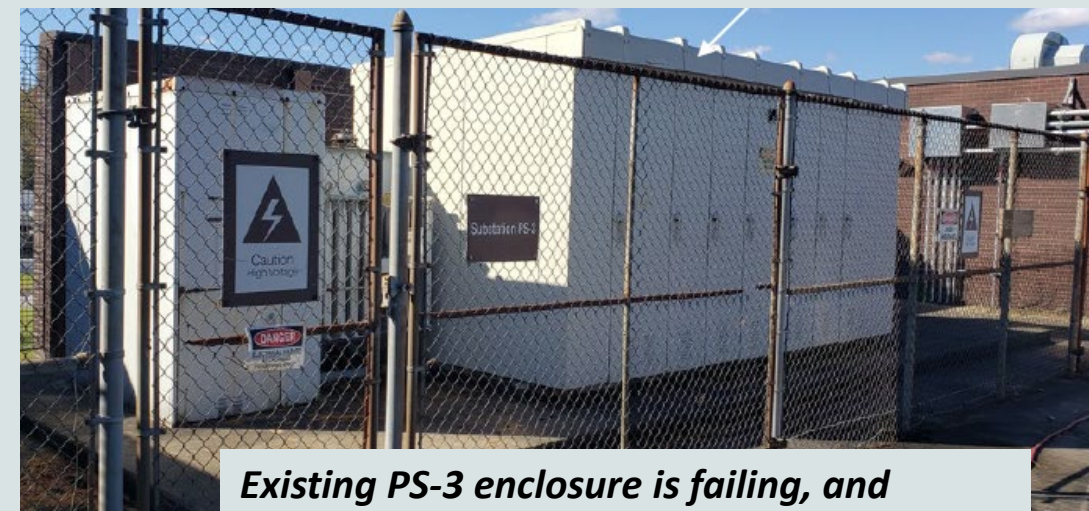


MCC-5 Replacement

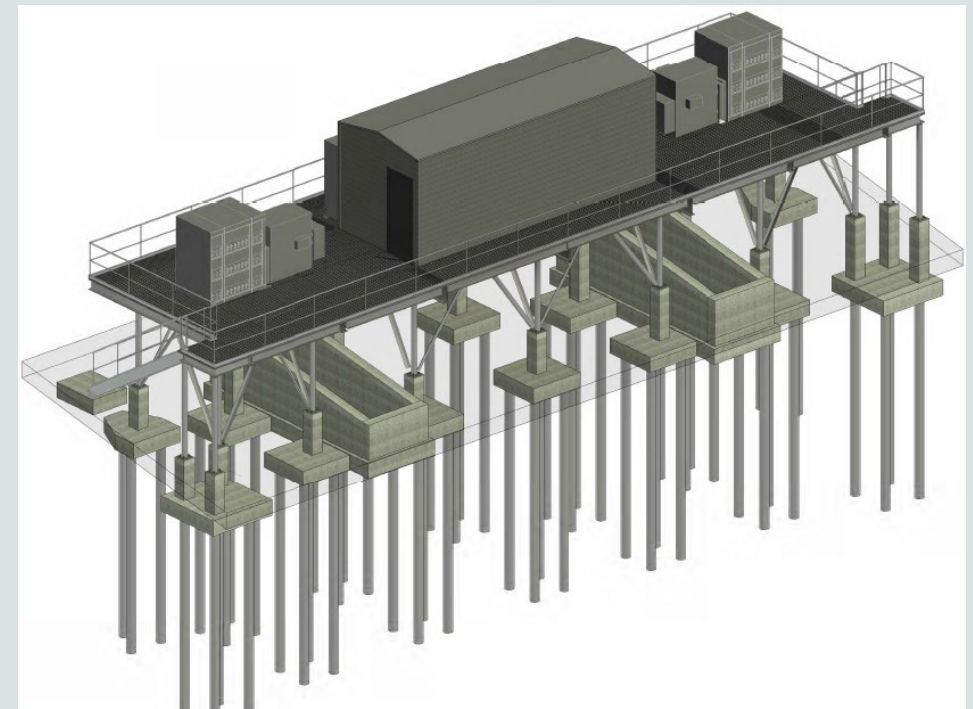
S6602

LPWRP Capital Repairs and Upgrades Remaining Needs

- **FY26 Major Projects – Ongoing Design, FY26 Construction**
 - Biosolids Sump Pumpout and Plant Drain Improvements (\$600K)
 - Dryer Building Central Vacuum System and Pump Impvs. (\$1M)
 - Primary Clarifier FM Replacements and Scum Pit Impvs. (\$1M)
 - Methanol Firefighting Foam System Replacement (\$1M)
 - Dryer Dust/Solids Collection and Access Improvements (\$1M)
 - Phosphorus Precipitation System Citric Acid Feed System (\$1M)
 - Hauled Grease Acceptance Facility (\$2.2M)
 - Operations Building Renovation and Roof Replacement (\$2.7M)
 - Power Substation PS-3 Replacement (\$12.5M)
 - Grit Facility and Motor Control Center MCC-14 Replacement (\$13M)
- **FY26 major projects total to \$36M (not including minor projects), which exceeds remaining current appropriation + previous FY26 request**
- **Additional \$9.6M requested in FY26 (\$20.1M Total FY26 Request)**
 - Most additional funding is to fund construction to replace Power Substation PS-3, which was previously an “unmet need”
 - The existing substation is past its useful life, requiring replacement, and will be elevated above the 100-year floodplain.



Existing PS-3 enclosure is failing, and electrical gear is due for replacement



The PS-3 replacement design includes a necessary deep foundation and platform to elevate above the floodplain

C0381 Non-Congregate Shelter Facility (New Project)

- Construction of a new Non-Congregate Shelter facility to support Howard County's Coordinated Entry System and Plan to End Homelessness.
- First Non-Congregate facility in Howard County to serve families and vulnerable individuals
- Conveniently located near the Route One Corridor in Laurel, near other services
- FY26 Funding request: \$500K; DHCD funding balance

Land acquisition is expected in Spring 2025



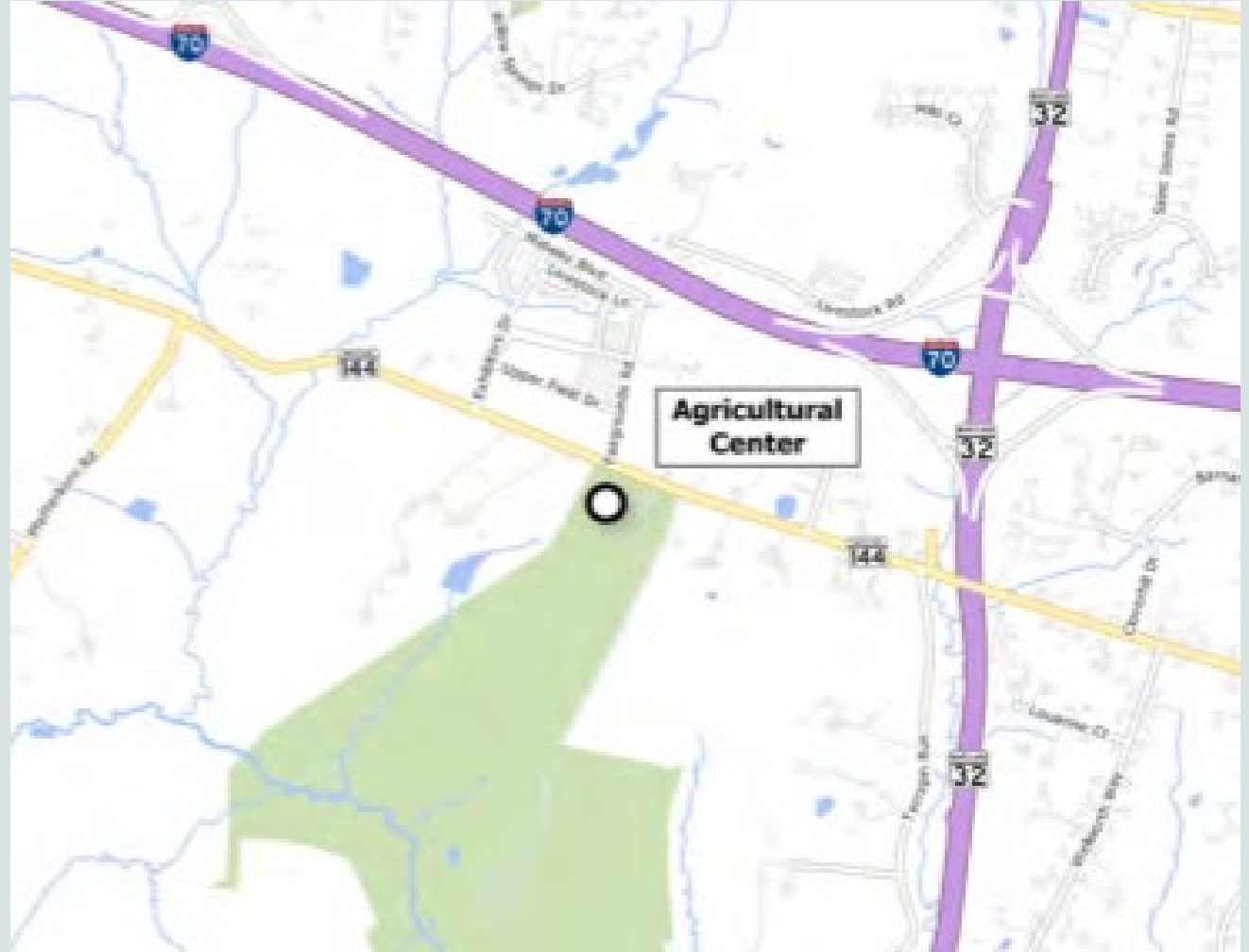
C0382 Scale House Replacement (New Project)

- Road improvements, replacement and expansion (doubling) of existing scales and Scale House at Landfill to meet expanded demand and provide redundancy
- FY26 request: \$250K (design)



C0383 Agricultural Center at West Friendship Park (New Project)

- Construction of a new Agricultural Center in Western Howard County
- Project will unite the Office on Agriculture with the University of Maryland Extension and Recreation and Parks Natural Resources Division
- The 380-acre park setting is the perfect location to house the Agriculture Center that will highlight the rich agricultural history of the County and provide much needed public meeting space in Western Howard County
- FY26 funding request: \$1M (design)



C0375 ElkrIDGE Community Center

- Project changed due to addition of 50+ center and other site design complexities.
- The new facility and site amenities will be designed with sustainable design principles to meet LEED Gold certification and will serve the entire ElkrIDGE community.
- Construction to break ground in 2026
- FY26 request: \$25.2M



C0329 East Columbia Solar Canopies (completed)



Annual PV Generation:

E. Columbia 50+ Center roof – 60,000 kWh

E. Columbia Library Roof – 246,000 kWh

E. Columbia Parking Canopy – 1,35M kWh



C0333 Detention Center Renovations (completed projects)



C0337 Lower Main Street – Expanded Tiber Park & Caplan's Rebuild



Caplan's Rebuild



With deconstruction of four buildings completed, an interim public space has been created to activate Lower Main Street



C0358 North Laurel Pool Addition

Construction is ongoing,
completion in mid-FY26



C0365 Facilities Systemic

FY25 Ongoing Work:

- Ascend One Renovations
- Space Utilization Study (Master Plan)
- Elevator Refurbishments



FY26 Planned Work:

- 9755 Patuxent Woods Renovations
- Adult Changing Stations
- Gender-neutral Restrooms
- Systemic Maintenance Projects

C0371 Former Circuit Courthouse Renovation – Scheduled Completion in late 2025



C0371 Former Circuit Courthouse Renovation – Progress photos



Thank you