



US Army Corps of Engineers®
Baltimore District

BEP Replacement Facility Quarterly Newsletter

January 2024

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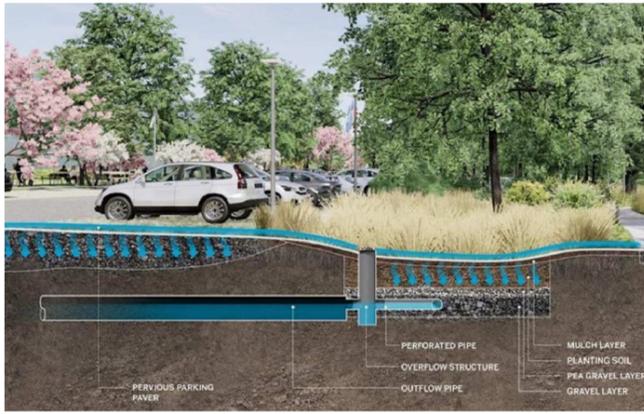
This Quarter's Focus: STORMWATER MANAGEMENT

This quarterly newsletter is a collaboration between the U.S. Department of the Treasury's Bureau of Engraving and Printing (BEP) and the U.S. Army Corps of Engineers (USACE), Baltimore District, with the intent to keep the community informed of the progress on the BEP replacement Currency Production Facility (CPF) at the Beltsville Agricultural Research Center (BARC). USACE signed an interagency agreement with BEP in March 2019 to coordinate this replacement effort, including environmental assessments and design and construction oversight for the Main facility and supporting structures, parking and stormwater management facilities, roadway access and improvements, utility connections, security systems and access control.

The CPF site design includes sustainable stormwater management practices, which include alternative surfaces and micro-scale Best Management Practices (BMP) such as:

- Green Roof
- Permeable Pavers
- Reinforced Grass Paving

The project complies with Maryland Department of the Environment (MDE) regulatory requirements by utilizing Environmental Site Design (ESD) to the Maximum Extent Practicable (MEP).



Permeable paver and bio-swale practices.

- The BMP design will permanently retain the 95th Percentile storm event and will temporarily detain the 10-year and 100-year storms to the pre-development condition which meet MDE's requirements for a federal project located in Prince George's County.
- Building stormwater BMPs will include a green roof, and rainwater harvesting cisterns. Approximately 9.8 acres of the main building roof will be green vegetative roof, in addition to all horizontal outbuilding roofs. The main building roof also will incorporate rainwater harvesting, which routes rainwater to two cisterns with a total capacity of 775,000 gallons. The cisterns will be used for building gray water.
- Site stormwater BMPs will include micro-bioretenion, bioswales, permeable pavers, and submerged gravel wetlands. Permeable pavers will be utilized in the parking stall areas and will work in conjunction with microbioretenion areas. The site's low elevation areas will utilize submerged gravel wetlands to direct water flow.
- The site's wet-meadow conservation area will allow water to infiltrate into the ground naturally. Other permeable surfaces will include grassland meadows, forest, and native planting areas.



What is the Bureau of Engraving and Printing?

BEP is the bureau within the U.S. Department of the Treasury responsible for designing and printing U.S. currency notes issued by the Federal Reserve Board. BEP currently operates currency production facilities in Washington, D.C. and Fort Worth, Texas. BEP's current Washington, D.C. facility is more than 100 years old and limits BEP's ability to modernize its operations, so BEP, in coordination with USACE, is planning the construction and operation of a more efficient, modern facility at BARC to meet currency production needs.

Project Status Updates



Environmental

BEP completed an Environmental Impact Statement (EIS) in accordance with the National Environmental Policy Act (NEPA), with the Record of Decision (ROD) signed in October 2021. A Supplemental Environmental Assessment (EA) is currently ongoing. The purpose of the Supplemental EA is to evaluate the potential impacts to traffic and utilities mitigation. The development of the Supplemental EA was extended to incorporate recent changes to the plans for offsite roadway improvements and utility mitigation measures.



Upcoming Events & Milestones

- Early 2024: Public Review of Draft BEP Traffic and Utilities Mitigation Supplemental EA
- Summer 2024: Complete supplemental NEPA documentation
- Fall 2024: Construction Start



Design

BEP and their design partners have completed the schematic (15 percent), concept design (35 percent), preliminary design (65 percent), and final design (95 percent) of the replacement facility, which includes the building footprint, interior layout and facility site design.



Estimated Project Schedule



Any reference to any particular person or organization or to activities, products or services related to such person or organization is for the information and convenience of employees and does not constitute endorsement, sponsorship or recommendation by the Bureau of Engraving and Printing or the United States government.



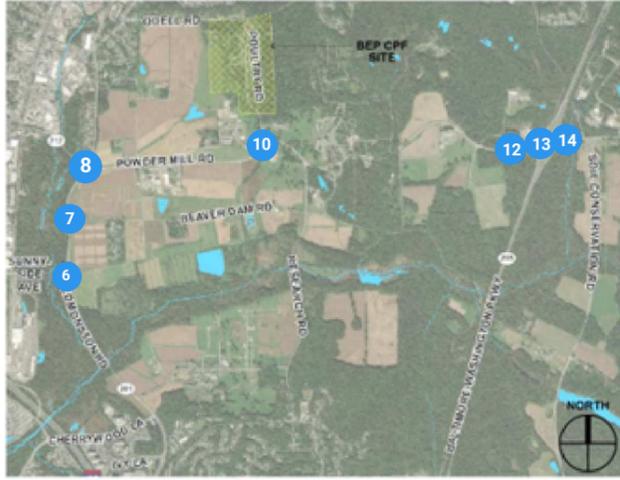
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- Roadway improvement design includes improvements for six intersections, with construction expected to start in 2027, following the construction of the BEP Currency Production Facility (CPF).
- Roadway improvement design is in progress, with concept design expected for completion in DEC 2023. USACE is contracted to perform the roadway improvement design with Federal Highway Administration (FHWA) managing the execution of the construction.
- Three intersections (6, 7 and 8) are located along Edmonston Road. Proposed improvements include roadway widening, signalization modification and stormwater upgrades.
- Three intersections (12, 13 and 14) are located at the intersection of B.W. Parkway and Powdermill Rd. Proposed improvements include turn lane improvements, new traffic signals and stormwater upgrades.
- Intersection 10 at the BEP CPF access road will be built with the construction of the facility.
- Offsite roadway improvement agency engagement continues with National Capital Planning Commission (NCPC), Maryland-National Capital Park and Planning Commission (MNCPPC), Prince George's County Department of Public Works (DPW), Maryland Department of Transportation (MDOT), National Park Service (NPS) and U.S. Department of Agriculture (USDA).



Proposed schedule for identified roadway improvements

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Upcoming Events & Milestones

- Fall 2023: NCPC Final Submission NCPC Review
- Fall 2023: 30% Offsite Roadway Design Submission
- Early 2024: Public Review of Draft BEP Traffic and Utilities Mitigation Supplemental EA
- Summer 2024: Completed supplemental NEPA documentation for traffic and utilities



Design

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Estimated Project Schedule



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