



City of Boynton Beach Agenda Item Request Form

Meeting Date: 02/ 3/2026

Proposed Resolution No. R26-019- Approve Appropriation Agreement No. L0149 between the Florida Department of Environmental Protection and the City of Boynton Beach in the amount of \$375,000 for the Boynton Beach Water Distribution System Improvement Project, and authorize the Mayor to execute all related documents.

Requested Action:

Staff recommends approval of Proposed Resolution No. R26-019.

Explanation of Request:

The Boynton Beach Water Distribution System Improvement Project addresses issues associated with aging and damaged water mains, which can lead to service interruptions, water loss, reduced pressure, and potential contamination risks. The Utility staff has identified a few areas in Bent Tree Villas East and Lime Tree Condominiums within the City of Boynton Beach Utility Service area where water distribution infrastructure could benefit from this project. To resolve these challenges, the project will replace deteriorated mains using the pipe bursting method. Pipe bursting is a trenchless technology that fractures the old pipe while simultaneously installing a new high-density polyethylene (HDPE) pipe in its place. This method minimizes surface disruption, shortens construction time, and reduces restoration costs compared to traditional open-cut excavation methods.

The project will improve system reliability, increase capacity to meet current and future demands, reduce water loss, extend the service life of the water infrastructure, and lower long-term maintenance costs.

The project was approved through the State of Florida appropriation process for FY2025-2026. The Florida Department of Environmental Protection awarded \$375,000 in funding to support the implementation of this project.

How will this affect city programs or services?

The funding will improve the life of the water distribution infrastructure system to ensure uninterrupted water and flow service while keeping costs low for utility customers.

Account Line Item and Description: N/A

Fiscal Impact:

The Florida Department of Environmental Protection offered \$375,000 to fund the project.

Attachments:

[R26-019 Agenda Item 4194-2026 Resolution for FDEP Grant Agmt L0149.docx](#)

[Exhibit A to Resolution - L0149 Agreement.pdf](#)