

Potential Recommendations Related to Capital Projects
Developed by the CIP Subcommittee to the SSWAB

Prioritize CIPs in SMAP-Selected, Green Cove Creek Basin

The County should amend its Capital Projects priority ranking system to incorporate a significant weight given to projects identified in its selected high priority basin (Green Cove Creek) through its NPDES permit-mandated Stormwater Management Action Plan. This action would comply with the intent of the NPDES permit direction to place a high priority on corrective and preventive actions within that basin.

Increase Staffing and Funding for CIPs

The County should increase its Capital Improvements Program level of effort, including staffing and funding. The increase is needed to: 1) provide timely pre-design of needed projects in the Green Cove basin, and 2) make reasonable progress in correcting the ongoing flooding, water quality, erosion, sedimentation, and habitat impacts to receiving waters from past developments that have inadequate or no stormwater treatment or flow control.

CIP Effectiveness Monitoring

The County should develop and implement a CIP monitoring program aimed at assessing effectiveness of projects, correcting deficiencies, and adapting future project planning and design. Level of monitoring effort and monitoring protocols including monitoring duration, parameter selection, sampling/observation frequency, analysis methods and reporting requirements should be tailored and scaled to project goals and overall project cost. Monitoring program metrics should be developed to be included in the County's ongoing storm and surface water metric reporting system.

Storm and Surface Water Retrofit Opportunity Strategy

The County should develop a strategy and mechanism to plan, design, and construct flow control and water quality treatment projects that coordinate with and/or exploit synergy with private or non-County public projects that are adjacent to or constructing within County right-of-way. The aim of this strategy would be to mitigate impacts of nearby past development that did not include sufficient stormwater treatment or flow control. This strategy would reduce costs of County retro-fit projects by piggy backing on non-County road closures, and incentivizing non-County projects to incorporate right-of-way retro-fit features, thus reducing mobilization, inspection, and other costs.