

**Submitted By:** Department of Transportation & Public Works  
Drew Raessler  
Phone: (706) 613-3440 Alt. Phone:  
Email: Drew.Raessler@accgov.com

**Project Classification:** Environmental Protection  
**Project Focus:** Basic Facilities & Infrastructure  
**Project Type:** Storm Drain Improvements

**Previously Submitted and Rejected:**

**Continuation Project:** Yes - SPLOST 2011 27-Areawide Stormwater Improvement Program

**Project Total Cost: \$ 18,727,000**

**Total Operating Cost: \$ -**

---

**Project Description:** The Areawide Stormwater Improvement program will provide funding for the repair and upgrade of stormwater drainage system capacity deficiencies. The project will include improvements to culverts, channels, detention systems, and other related facilities, and construction of best management practice (BMP) water quality features such as, but not limited to, porous pavement applications, storm receptors, and rain gardens in such locations as identified in watershed management plans. This will continue SPLOST 2005 and SPLOST 2011 projects.

**Project Mission Statement/Goals & Objectives:** When the stormwater management program was initiated in 2003, M&C approved three sources of funding: stormwater utility enterprise fund, land development fees, and SPLOST. Capital system improvements for flood mitigation and water quality improvement were assigned to be funded via SPLOST programs. This project assumes a continuation of SPLOST stormwater capital funding which was part of both the 2005 and 2011 Programs. Projects will be identified from the following sources:

**Areawide Stormwater Master Plan:** In May 2002, Mayor and Commission accepted the Areawide Stormwater Master Plan which identifies flooding issues throughout Athens-Clarke County. This project will fund the structural improvements designed to mitigate the potential for flooding in typical storms.

**Watershed Management Plans:** There are 18 defined watersheds and associated management plans within Athens-Clarke County. A watershed is defined as an area which contributes water to a particular creek or river. The Watershed Management Plans include assessing the condition of the watersheds and developing plans to protect, restore, and improve them. This project will fund the structural improvements designed to improve the quality of the creeks and rivers within Athens-Clarke County.

**Projected Useful Life of Project:** Stormwater systems will be built with an estimated 50-75 year lifespan.

**To meet the Project Goals & Objectives, when should this project be completed?** Ongoing

**The Leadership in Energy and Environmental Design (LEED) Green Building System compliance:** N/A

**How will this project help meet the Public Safety, Basic Facilities/Infrastructure, and/or Quality of Life needs in Athens-Clarke County?** Resiliency: Many of the projects in the Areawide Stormwater Master Plan include upgrading stormwater infrastructure which is deficient in both capacity and structure. By replacing these facilities, the stormwater network becomes more reliable and less likely to fail catastrophically.

**Protection of Life and Property:** By remediating flooding issues, this project protects against damage to property and protects public safety during severe weather and large rain events.

**Protection of Environmental Resources:** Middle Oconee River, Hunnicutt Creek, Brooklyn, Tanyard Creek, Trail Creek, Carr Creek, Noketchee Creek, North Oconee River, and Cedar Creek are all listed as impaired waters with diminished water quality. The Watershed Management Plans define projects which improve the quality of these waterways.

**How is this Project recommended/included in any approved ACCGOV Land Use Plan, Master Plan, Study, Service Delivery Plan, Envision Athens, etc.?** Projects are as identified in the Areawide Stormwater Master Plan and Watershed Management Plans

### Triple Bottom Line Impacts

**Positive Benefits for the Prosperity of Athens-Clarke County:** The mitigation of observed flooding issues protects the property, structures, and public safety of Athens-Clarke County. This resiliency provides the stability needed to allow the economy and tax base to thrive. By continuing to fund these projects from SPLOST, we minimize the need to modify the stormwater fee to ensure that ACC's infrastructure remains functional.

**Detrimental Impacts to the Prosperity of Athens-Clarke County:** Not applicable

**Positive Benefits for our Citizens and Visitors:** Protection of Life and Property: By remediating flooding issues, this project protects against damage to property and protects public safety during severe weather and large rain events.

**Detrimental Impacts for our Citizens and Visitors:** Not applicable

**Environmental Benefits, including but not limited to Positive impacts on existing Infrastructure/Systems:** Resiliency: Many of the projects in the Areawide Stormwater Master Plan include upgrading stormwater infrastructure which is deficient in both capacity and structure. By replacing these facilities, the stormwater network becomes more reliable and less likely to fail catastrophically.

**Protection of Environmental Resources:** Middle Oconee River, Hunnicutt Creek, Brooklyn, Tanyard Creek, Trail Creek, Carr Creek, Noketchee Creek, North Oconee River, and Cedar Creek are all listed as impaired

waters with diminished water quality. The Watershed Management Plans define projects which improve the quality of these waterways.

**Detrimental Impacts for the Environment, including but not limited to Negative impacts on existing Infrastructure/Systems:** Not applicable

**Positive/Negative Impacts on ACCGOV Departments, Agencies, or other Organizations, if not covered in one of the above questions:** By remediating flooding issues and installing resilient infrastructure, Transportation & Public Works can focus on preventative maintenance to improve the conveyance of stormwater in storms and the quality of streams year round.

## Project Costs

Detailed project capital budget costs (to be funded from SPLOST 2020 only):

Project Costs (round to thousand)	Amount
1. Land Acquisition / ROW / Easement:	\$ 1,145,000
2. Design Fees: (Min.12% of New Const.; 14% of reno.; 16% for LEED proj.)	\$ 1,374,000
3. Miscellaneous Fees: (Min. Minimum of 3% of Construction Costs – used for permitting, etc. Utilize minimum of 10% if land acquisition if necessary.)	\$ 344,000
4. Fixtures, Furniture, and Equipment (for a facility): A detailed estimate is preferred – but dependent upon the specific project, utilize at a minimum \$15 to \$20 per square foot.	\$ -
5. Construction:	\$ 11,440,000
6. Construction Contingency: (10% of the Construction line item)	\$ 1,144,000
7. Acquisition of Capital Equipment:	\$ -
8. Testing:	\$ 344,000
9. Project Management: (4% of the total budget line items above)	\$ 632,000
10. Project Contingency: (10% of the total budget line items above)	\$ 1,643,000
11. Public Art: Calculated at 1% of the Construction line item.	\$ 115,000
12. Other 1:	\$ -
13. Other 2:	\$ -
<b>Project Subtotal:</b>	<b>\$ 18,181,000</b>
14. Program Management (3% of Project Subtotal):	\$ 546,000
<b>SPLOST 2020 Project Total:</b>	<b>\$ 18,727,000</b>

## Operating Cost

None

## Project Financing

Is the proposed Project to receive funding from source(s) other than SPLOST 2020? No

## Project Site

Will the proposed Project require any land, whether existing sites, new site, easements, or Rights of Way? Yes

Will the proposed Project be on a site currently owned by ACCGOV? No

Approximately how many acres is available or will be needed for the new facility or Park?

Project Location/Address (Existing or Proposed):

Various

Will the Project require fee simple additional land acquisition? No

Will the Project require Rights-of-Way or Easement acquisition? Yes

## Site Criteria and Standards

Current Property Owner (if applicable): Yes

Minimum acreage necessary for Project. Varies

Topography: Varies

Estimated cost per acre: Varies