

**Submitted By:** Leisure Services Department  
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**Project Classification:** Social Well-Being  
**Project Focus:** Basic Facilities & Infrastructure  
**Project Type:** Park Renovation, Improvements, or Expansion

**Previously Submitted and Rejected:** No  
**Continuation Project:** No

**Project Total Cost:** \$ 7,884,000

**Total Operating Cost:** \$ -

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**Project Description:** Memorial Park is one of the flagship parks of Athens. The 72-acre park is nestled in the heart of five points. Many generations have enjoyed the amenities that Memorial Park has to offer, creating cherished memories in the process. The park offers a wide variety of amenities that draw not only the citizens of Athens-Clarke County, but also those of neighboring communities.

The implementation of phase one of the Memorial Park Master plan is the first step in a multi phased process that will address some of the park's long standing issues while enhancing safety, user experience, and convenience. This project includes critical repairs to the park's stormwater facilities, redevelopment of vehicular and pedestrian circulation, improvements to the dog park area, replacement of the playground, picnic shelter upgrades, replacement of plumbing fixtures, and renovation of restrooms. Stormwater improvements include dredging and enlarging the lake's forebay, increasing the capacity of the forebay's spillway, draining and dredging the lake, removing the island, restoration of the lake's edge habitat, dam repairs, reconstruction of the dam's spillway, and any other required elements as specified by engineers. Additionally, there will be replacement of ancillary stormwater infrastructure including, but not limited to, drainage swales, culverts, catch basins, retaining walls, curb and gutter, or any other required elements as specified by engineers. The redevelopment of vehicular and pedestrian circulation for this portion of the park enhances pedestrian safety, provides additional parking opportunities, and improves access for school busses and other large vehicles. Improvements to the dog park area will begin with the creation of a new, adjacent dog park and will include grading, terracing, tree removal and revegetation, installation of a bio-swale, frost-proof water features, and new fencing with airlock entries. Replacement of the dated playground will include a new and larger play structure with an adjacent adventure play trail. Both facilities provide opportunities for individuals of all ages and abilities. Picnic shelter upgrades include fresh paint, new roofs, and fans. New frost-proof water fountains replace old and broken units. Lastly, dog park and playground restrooms receive fresh paint, new fixtures, and improved dividers.

**Project Mission Statement/Goals & Objectives:** The driving mission of the Memorial Park Renovation project is part of a larger mission to ensure that existing Leisure Services facilities are renovated and maintained in order to preserve the long term operation and function of the facility. The goal of this project is to begin the process of implementing critical renovations for the park as well as upgrading park facilities to meet the current needs of the community.

Memorial Park is one of the oldest parks in Athens. Over the course of the past 66 years; minimal funds have been invested in the infrastructure of the park. The park serves all segments of the Athens-Clarke County community, with activities for individuals of all ages and socio-economic backgrounds. This phase one project addresses some of the most pressing issues currently facing the park. Memorial Park serves as the stormwater repository for the surrounding 152 acre watershed. A recent engineering report on the state of the stormwater system in the park indicates the dire situation the park faces. The increase in development around the park has resulted with increased stormwater flow into the park, overloading the lake's capacity. The lake and forebay are now in a critical situation that requires dredging, re-engineering, and significant repairs in order to prevent failure of these stormwater mitigation components. The ancillary stormwater pipes, inlets, basins, and other features are either silted in, washed out, or have completely failed. The much loved dog park is in a similar condition. It is highly eroded with failing fences and significant safety hazards due to poor design and limited maintenance funds. Redesigning, terracing, and adding an additional dog park will allow the parks to rotate and rest while also allowing staff to address safety concerns during operating hours. The playground is comprised of various components salvaged from playground replacement projects for other parks. The majority of components have reached the end of their lifecycle and due to poor design; it floods in heavy rains and the resulting influx of stormwater. All of the accessory structures such as playgrounds and restrooms date back to projects undertaken in the 1970s. The parking and vehicular circulation suffer from inefficient layout and crumbling pavement. There is no safe pedestrian access connecting Memorial Hall to this portion of the park, forcing patrons to walk among vehicles or down steep muddy slopes for access.

**Projected Useful Life of Project:** With regular maintenance and care, this project will last in excess of 50 years.

**To meet the Project Goals & Objectives, when should this project be completed?** The critical nature of the majority of project elements necessitate the immediate implementation of this project once funding is available.

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

Though none of the structures in this proposal fall under the purview of LEED, we plan to follow sustainable construction practices and use energy efficient and environmentally friendly materials and fixtures.

**How will this project help meet the Public Safety, Basic Facilities/Infrastructure, and/or Quality of Life needs in Athens-Clarke County?** This project helps meet public safety, facility, infrastructure and quality of life needs for Athens-Clarke County. Memorial Park is one of the only greenspaces in the ever changing core of five-points. As the urban center continues to grow and develop, stormwater impacts have increased significantly. Stormwater mitigation efforts are vital to the continued existence of Memorial Lake and the communities downstream. The dog park, just installed in 2009, has already shown extreme wear and tear due to popularity and poor site location. Improvements to this facility are imperative for the continued existence of the only dog park within the area.

The National Recreation and Park Association's (NRPA) 2017 survey on American's engagement with parks found that people on average will visit their parks and recreation facilities twice a month. 70% of the respondents reported having visited a local park within the previous 7 days. People visit parks to be with family and friends, be more physically active, to be closer to nature, to access quality child enrichment opportunities, and to learn a new skill or craft.

Four in five Americans agree that NRPA's Three Pillars - Conservation, Health and Wellness, and Social Equity - represent what they see as the priorities for their local park and recreation agency. These pillars are core to the mission of the Leisure Services Department here in Athens-Clarke County.

The Leisure Services Department is the largest provider for Parks, Recreation, Arts, and Nature based facilities and program opportunities in our community. This project allows the department to properly care for and maintain our park infrastructure in a way that not only provides for a safe and enjoyable experience, but also makes our community a more desirable place to live.

**How is this Project recommended/included in any approved ACCGOV Land Use Plan, Master Plan, Study, Service Delivery Plan, Envision Athens, etc.?** This project stems from the 2018 update of the Memorial Park Master Plan. In addition, this project meets Envision Athens Action Agenda Priority Actions:

#### Infrastructure

I1 - Repair and replace infrastructure assets commensurate with physical depreciation.

I4 - Reduce the risk of flooding events and improve the quality of streams and rivers through proactive and innovative stormwater programs.

#### Civic Engagement

CE1 - Create gathering spaces that are available and accessible to all

#### Social Services

SS2 - Create a community that is supportive of, and provides opportunities for individuals with limited opportunity

SS3 - Develop and expand youth development programming that is accessible and provide adequate and affordable child care

#### Health

HE7 - Continue to support healthy living initiatives

### Education

EC4 - Provide a variety of learning opportunities for both adult and nontraditional student's education and development, which support a variety of learning styles and emotional/health needs.

EC5 - Enhance the learning environment to provide student support for the variety of needs within our community.

### Economic Development

ED3 - Provide the facilities and services necessary to attract, incubate, and grow businesses from a variety of sectors

### Land Use

LU2 - Develop incentives to reuse existing development before new developments in greenfields

LU9 - Establish incentive for new development to incorporate environmentally sustainable standards

## Triple Bottom Line Impacts

**Positive Benefits for the Prosperity of Athens-Clarke County:** Numerous studies show that parks clearly improve quality of life, and that quality of life has been demonstrated to be a strong driver of economic development.

In May of 2018, the NRPA published a study from The George Mason University Center for Regional Analysis titled "Promoting Parks and Recreation's Role in Economic Development. The following findings are noteworthy for the positive benefits of this project for the citizens of Athens-Clarke County:

- Investing in improving a community's quality of life can create a virtuous cycle: high-quality places attract workers, which attract employers, which in turn attract more investments and jobs.

- Places with landscape, climate, and recreational appeal are more likely to grow creative and entrepreneurial industries.

- Research and development facilities, technology companies, and corporate headquarters are more likely to prioritize quality-of-life and cultural amenities when making site location decisions. In contrast, manufactures are more likely to prioritize traditional factors such as wage rates, transportation costs, and proximity to markets instead of quality of life factors.

- The competition for talent makes technology firms more likely to locate in amenity-rich communities. They also find that quality of life factors matter more in the decision of where a firm's employees live than to the company's actual site location. This means that quality of life factors are more significant in selecting a city or region than selecting a specific work site.

72% of communities use images of urban parks and public spaces, outdoor amenities, or recreational and cultural facilities in their economic development marketing materials.

This project allows the Leisure Services Department to continue providing and further enhance the quality of our parks and facilities so that our community can attract high quality companies that promote higher paying jobs for members of our community.

**Detrimental Impacts to the Prosperity of Athens-Clarke County:** Improving the conditions of our parks will raise property values, possibly resulting in gentrification. Leisure Services is committed to working with other agencies and citizens in our community to develop policies to address affordable housing.

**Positive Benefits for our Citizens and Visitors:** Memorial Park was the first public park in the city of Athens. It has been a long-standing community fixture for the enrichment of users of all ages and abilities for decades. The green infrastructure services that this park provides to the areas stormwater is critical. This project will ensure the continuation of this positive impact on our community for years to come.

Leisure Services provides a diverse abundance of benefits for people of all ages and abilities. One of the most critical benefits that we provide is opportunities for improving health and wellbeing through our parks, facilities, and programming. Physical activity is critical to good health, and parks provide a venue for that physical activity to occur. A report by the Trust for Public Land provides strong evidence that people exercise more when they have better access to parks. Regular physical activity can improve health and reduce the risk of diseases such as heart disease, hypertension, colon cancer, and diabetes. Exercise and active lifestyles can also provide psychological benefits, improve mental health, and alleviate symptoms of depression and anxiety. Increased access to places for physical activity leads to a 25% increase in people exercising three or more days a week.

Parks also strengthen community ties and bring diverse populations together.

Recent studies have shown that children from lower income homes face barriers to participation in sports and recreation related activities. The parks, facilities, and programs of Leisure Services provide opportunities for low income families to have access to the facilities and programs through our scholarship program and PLAY fund. According to an analysis of social equity and parks conducted by NRPA, public parks provide equal access to all citizens regardless of age, gender, socioeconomic status, ethnicity, or ability. Parks and recreation facilities can foster community pride, bring people together, create destination-oriented places, and connect people to each other and nature.

Parks can also promote safety in the community. In Macon, Georgia, a revitalized park that included new programming and beautification efforts reduced incidents of crime and violence by 50%.

Parks have the power to strengthen communities, transform lives, and protect the future. Parks are the most powerful aspect of every community. The power of parks and recreation is enduring.

**Detrimental Impacts for our Citizens and Visitors:** There are none.

**Environmental Benefits, including but not limited to Positive impacts on existing Infrastructure/Systems:**

Parks play an important role in making communities more environmentally resilient. Parks have long mitigated the impact of extreme weather and flash flooding, help to reduce our carbon footprint, clean air and water, and provide a respite from the heat island effect. Trees, shrubs, and vegetation purify the air of gases, ozone, and pollutants that cause respiratory problems and corrode and damage buildings. Tree canopies, garden vegetation, grassy areas, and other green spaces in parks capture and filter rainwater, reducing the amount of oil, salt, and pollutants flowing from roads and lawns into nearby waterways. By refocusing our approach to park design, we can utilize green infrastructure to reduce runoff, preserve space for water infiltration, protect watersheds from erosion, and preserve natural floodplains to reduce flash flooding.

Parks and recreation infrastructure and facilities promote conservation and environmental sustainability. According to a report by the NPRA, parks facilities conserve natural resources and wildlife habitat, protect air and water quality, and preserve open space for current and future generations. Through stewardship activities, parks can involve the public in conservation efforts and increase awareness of environmental needs. Parks and open space conserve scenic vistas, maintain healthy ecosystems, and provide carbon reducing sustainable landscapes.

According to NRPA, 1 acre of trees absorbs the carbon dioxide of driving a car 11,000 miles.

One of the core aspects of the facilities and stewardship of Leisure Services is sustainability. In addition to the environmental benefits that our parks provide, we are dedicated to improving habitat with ecological restoration projects through our office of Trails and Open Space. We take pride in our parks and the ecological benefits they provide for the entire community.

**Detrimental Impacts for the Environment, including but not limited to Negative impacts on existing Infrastructure/Systems:** The renovation of the dog park will require tree removal. These trees are in poor condition and already impaired by the poorly designed dog park. This temporary loss will be mitigated with the replanting of trees as a part of this project.

**Positive/Negative Impacts on ACCGOV Departments, Agencies, or other Organizations, if not covered in one of the above questions:** This project has an overwhelming positive impact on ACC Departments, the Leisure Services Department, and our partner agencies. Funding the Memorial Park Renovations will allow the department to continue providing high quality parks, facilities, programs and services while allowing us to continue building partnerships with community nonprofits and other partnership agencies. Our ability to engage with at-risk youth reduces crime and therefore the impact on police services and correctional facilities. Our focus on green infrastructure helps alleviate stormwater damage that Transportation and Public Works deals with on an ongoing basis. Our parks provide positive benefits to the Housing and Community Development Department and helps aid in their community building efforts. This investment in the community's park infrastructure is vital to the core operations and services that our community has come to need and expect. A sense of urgency is imperative for the short and long-term viability of Memorial Park. Aside from not meeting code, the stormwater system throughout the park has failed, resulting in widespread erosion issues. The lake has silted in with sediment and needs to be dredged, and the functional

features of the dam need replacement. By funding this project, the Transportation and Public Works Department will be able to mark off a number of projects in their watershed improvement plan.

## 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:	\$ -
2. Design Fees: (Min.12% of New Const.; 14% of reno.; 16% for LEED proj.)	\$ 806,000
3. Miscellaneous Fees: (Min. Minimum of 3% of Construction Costs – used for permitting, etc. Utilize minimum of 10% if land acquisition if necessary.	\$ 151,000
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:	\$ 5,033,000
6. Construction Contingency: (10% of the Construction line item)	\$ 504,000
7. Acquisition of Capital Equipment:	\$ -
8. Testing:	\$ 151,000
9. Project Management: (4% of the total budget line items above)	\$ 266,000
10. Project Contingency: (10% of the total budget line items above)	\$ 692,000
11. Public Art: Calculated at 1% of the Construction line item.	\$ 51,000
12. Other 1:	\$ -
13. Other 2:	\$ -
<b>Project Subtotal:</b>	\$ 7,654,000
14. Program Management (3% of Project Subtotal):	\$ 230,000
<b>SPLOST 2020 Project Total:</b>	<b>\$ 7,884,000</b>

## Operating Cost

**Total Annual Net Operating Costs when Project is complete:** No change

## 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?** Unsure, none planned but if adjacent land becomes available for the park it could become part of the project.

## Memorial Park

### Conceptual Cost Estimate

11/10/2018

	Unit Price	Unit	Quantity	Sub-Total
<b>Stormwater Improvements</b>				
Silt Fence	\$3.25	LF	650	\$2,112.50
Silt Fence Maintenance	\$1.00	LF	650	\$650.00
Tree Protection Fence	\$2.50	LF	200	\$500.00
Grading Complete	\$50,000.00	LS	1	\$50,000.00
Bioswale Improvement Allowance	\$300,000.00	LS	1	\$300,000.00
Forebay Spillway Reconstruction	\$300,000.00	LS	1	\$300,000.00
Primary Dam Emergency Spillway Reconstruction	\$1,500,000.00	LS	1	\$1,500,000.00
Dredging Forebay and Memorial Lake	\$172,500.00	LS	1	\$172,500.00
Trash/Recycle Receptacle	\$1,750.00	EA	4	\$7,000.00
Overlook	\$25,000.00	LS	1	\$25,000.00
3' Wide Natural Surface Trails	\$3.00	LF	500	\$1,500.00
Benches	\$1,750.00	LF	3	\$5,250.00
Signage Allowance	\$5,000.00	LS	1	\$5,000.00
Canopy Tree	\$475.00	EA	12	\$5,700.00
Understory Trees	\$325.00	EA	12	\$3,900.00
Shrubs and Perennials	\$35.00	EA	350	\$12,250.00
Restoration Planting - Seed and Plugs	\$0.35	SF	40000	\$14,000.00
Landscape Boulders	\$450.00	EA	6	\$2,700.00
<b>Sub-Total</b>				<b>\$2,408,062.50</b>
<b>Construction General Conditions (7%)</b>				<b>\$168,564.38</b>
<b>Construction Overhead and Profit (10%)</b>				<b>\$240,806.25</b>
<b>TOTAL</b>				<b>\$2,817,433.13</b>

## Memorial Park

### Conceptual Cost Estimate

11/10/2018

	Unit Price	Unit	Quantity	Sub-Total
<b>Playground Area</b>				
Silt Fence	\$3.25	LF	360	\$1,170.00
Silt Fence Maintenance	\$1.00	LF	360	\$360.00
Removal of Existing Playground	\$20,000.00	LS	1	\$20,000.00
Tree Protection Fence	\$2.50	LF	550	\$1,375.00
Grading Complete	\$50,000.00	LS	1	\$50,000.00
Signage and Information Station Allowance	\$6,500.00	LS	1	\$6,500.00
Concrete Sidewalk	\$125.00	SY	445	\$55,625.00
Rubble Stone Seat Wall	\$105.00	LF	180	\$18,900.00
Footer for Wall	\$265.00	CY	10	\$2,650.00
Concrete Zero Entry Band into Mulch Play Area	\$52.00	SY	73	\$3,796.00
6' Wide Natural Surface Trails	\$6.00	LF	1315	\$7,890.00
Playground Equipment	\$350,000.00	LS	1	\$350,000.00
Mulch Play Surface with Gravel Base	\$42.00	CY	700	\$29,400.00
Fence	\$85.00	LF	350	\$29,750.00
Trash/Recycle Receptacle	\$1,750.00	EA	4	\$7,000.00
Water Fountain	\$6,000.00	EA	1	\$6,000.00
Bench	\$1,750.00	EA	3	\$5,250.00
Park Bench Swing	\$2,300.00	EA	2	\$4,600.00
Bike Rack	\$850.00	EA	1	\$850.00
Canopy Tree	\$475.00	EA	12	\$5,700.00
Understory Trees	\$325.00	EA	6	\$1,950.00
Shrubs and Perennials	\$35.00	EA	175	\$6,125.00
Landscape Boulders	\$750.00	EA	3	\$2,250.00
Sod	\$0.65	SF	2000	\$1,300.00
Irrigation Allowance	\$10,000.00	LS	1	\$10,000.00
<b>Sub-Total</b>				<b>\$628,441.00</b>
<b>Construction General Conditions (7%)</b>				<b>\$43,990.87</b>
<b>Construction Overhead and Profit (10%)</b>				<b>\$62,844.10</b>
<b>TOTAL</b>				<b>\$735,275.97</b>

### Conceptual Cost Estimate

	Unit Price	Unit	Quantity	Sub-Total
<b>Picnic Shelter Improvements</b>				
Silt Fence	\$3.25	LF	120	\$390.00
Silt Fence Maintence	\$1.00	LF	120	\$120.00
Remove Existing Shelter	\$10,000.00	LS	1	\$10,000.00
Painting Allowance	\$24,000.00	LS	1	\$24,000.00
Roof Replacement Allowance	\$46,000.00	LS	1	\$46,000.00
Buried Electrical Line Allowance	\$8,000.00	LS	1	\$8,000.00
Signage Allowance	\$3,000.00	LS	1	\$3,000.00
Celing Fan and Lighting Allowance	\$12,000.00	LS	1	\$12,000.00
Pavillion	\$75,000.00	LS	1	\$75,000.00
Concrete Paving	\$125.00	SY	85	\$10,625.00
Picnic Table	\$1,650.00	EA	12	\$19,800.00
Trash/Recycle Receptacle	\$1,750.00	EA	9	\$15,750.00
<b>Sub-Total</b>				<b>\$224,685.00</b>
<b>Construction General Conditions (7%)</b>				<b>\$15,727.95</b>
<b>Construction Overhead and Profit (10%)</b>				<b>\$22,468.50</b>
<b>TOTAL</b>				<b>\$262,881.45</b>

## Memorial Park

### Conceptual Cost Estimate

11/10/2018

	Unit Price	Unit	Quantity	Sub-Total
<b>Dog Park</b>				
Silt Fence	\$3.25	LF	1170	\$3,802.50
Silt Fence Maintenance	\$1.00	LF	1170	\$1,170.00
Tree Protection Fence	\$2.50	LF	1670	\$4,175.00
Remove Existing Fence	\$5.00	LF	1300	\$6,500.00
Remove Existing Benches and Picnic Tables	\$1,500.00	LS	1	\$1,500.00
Grading Complete	\$120,000.00	LS	1	\$120,000.00
Fence	\$15.00	LF	2000	\$30,000.00
Pest Wast Stations	\$350.00	EA	2	\$700.00
Trash/Recycle Receptacle	\$1,750.00	EA	4	\$7,000.00
Water Fountain	\$6,000.00	EA	2	\$12,000.00
Picnic Table	\$1,650.00	EA	4	\$6,600.00
Concrete Paving	\$125.00	SY	280	\$35,000.00
Shade Structure	\$15,000.00	EA	2	\$30,000.00
Sign Allowance	\$3,000.00	LS	1	\$3,000.00
Rubble Masonry Walls (18" - 24" Height)	\$78.00	SF	600	\$46,800.00
Rubble Masonry Wall Footings	\$265.00	CY	100	\$26,500.00
6' Wide Natural Surface Trails	\$6.00	LF	2029	\$12,174.00
Bioswale/Stormwater Allowance	\$35,000.00	LS	1	\$35,000.00
Sod	\$0.55	SF	80000	\$44,000.00
Canopy Trees	\$475.00	EA	30	\$14,250.00
Understory Trees	\$325.00	EA	15	\$4,875.00
Shrubs and Perennials	\$35.00	EA	100	\$3,500.00
Irrigation Allowance	\$35,000.00	LS	1	\$35,000.00
<b>Sub-Total</b>				<b>\$483,546.50</b>
<b>Construction General Conditions (7%)</b>				<b>\$33,848.26</b>
<b>Construction Overhead and Profit (10%)</b>				<b>\$48,354.65</b>
<b>TOTAL</b>				<b>\$565,749.41</b>

## Memorial Park

### Conceptual Cost Estimate

11/10/2018

	<i>Unit Price</i>	<i>Unit</i>	<i>Quantity</i>	<i>Sub-Total</i>
<b>Restroom Renovation</b>				
Painting Allowance	\$12,000.00	LS	1	\$12,000.00
Urinal (waterless)	\$5,000.00	EA	1	\$5,000.00
Toilet (dual flush)	\$2,000.00	EA	3	\$6,000.00
Sink	\$200.00	EA	2	\$400.00
Partitions	\$1,500.00	EA	4	\$6,000.00
Paper Towel Dispenser	\$50.00	EA	2	\$100.00
Trash Receptacle	\$50.00	EA	2	\$100.00
Soap Dispensers	\$20.00	EA	2	\$40.00
Mirror	\$475.00	EA	2	\$950.00
Signage Allowance	\$1,500.00	LS	1	\$1,500.00
<b>Sub-Total</b>				<b>\$32,090.00</b>
<b>Construction General Conditions (7%)</b>				<b>\$2,246.30</b>
<b>Construction Overhead and Profit (10%)</b>				<b>\$3,209.00</b>
<b>TOTAL</b>				<b>\$37,545.30</b>

## Memorial Park

### Conceptual Cost Estimate

11/10/2018

	Unit Price	Unit	Quantity	Sub-Total
<b>Parking Lot and Drives</b>				
Silt Fence	\$3.25	LF	1550	\$5,037.50
Silt Fence Maintenance	\$1.00	LF	1550	\$1,550.00
Asphalt Removal	\$9.50	SY	3112	\$29,564.00
Tree Removal Allowance	\$12,000.00	LS	1	\$12,000.00
Tree Protection Fence	\$2.50	LF	1000	\$2,500.00
Grading Complete	\$95,000.00	LS	1	\$95,000.00
Asphalt Paving	\$50.00	SY	3463	\$173,150.00
Concrete Curb and Gutter	\$25.50	LF	520	\$13,260.00
Concrete Sidewalk	\$125.00	SY	1000	\$125,000.00
Stormwater Pipe	\$65.00	LF	105	\$6,825.00
Drop Inlet	\$3,000.00	EA	3	\$9,000.00
Pavement Markings	\$225.00	EA	8	\$1,800.00
Stop Bar 24" Wide	\$4.00	LF	24	\$96.00
Pavement Stripe	\$0.75	LF	828	\$621.00
Trash/Recycle Receptacle	\$1,750.00	EA	4	\$7,000.00
Sign Allowance	\$3,000.00	LS	1	\$3,000.00
Canopy Trees	\$475.00	EA	15	\$7,125.00
Understory Trees	\$325.00	EA	9	\$2,925.00
Shrubs and Perennials	\$35.00	EA	250	\$8,750.00
Irrigation Allowance	\$12,000.00	LS	1	\$12,000.00
Topsoil for landscape areas	\$80.00	CY	108	\$8,640.00
<b>Sub-Total</b>				<b>\$524,843.50</b>
<b>Construction General Conditions (7%)</b>				<b>\$36,739.05</b>
<b>Construction Overhead and Profit (10%)</b>				<b>\$52,484.35</b>
<b>TOTAL</b>				<b>\$614,066.90</b>
<b>GRAND TOTAL</b>				<b>\$5,032,952.15</b>

# MEMORIAL PARK MASTER PLAN

293 Gran Ellen Drive  
January 2018



Prepared by  
ACC Leisure Services  
Office of Park Planning



for Athens  
Clarke County  
Leisure Services

- 6** One-way drive
- 7** Kids Adventure Trail
- 8** Improved playground
- 9** Shoreline of Memorial Lake redesigned and regraded
- 11** Dog Park Renovations

