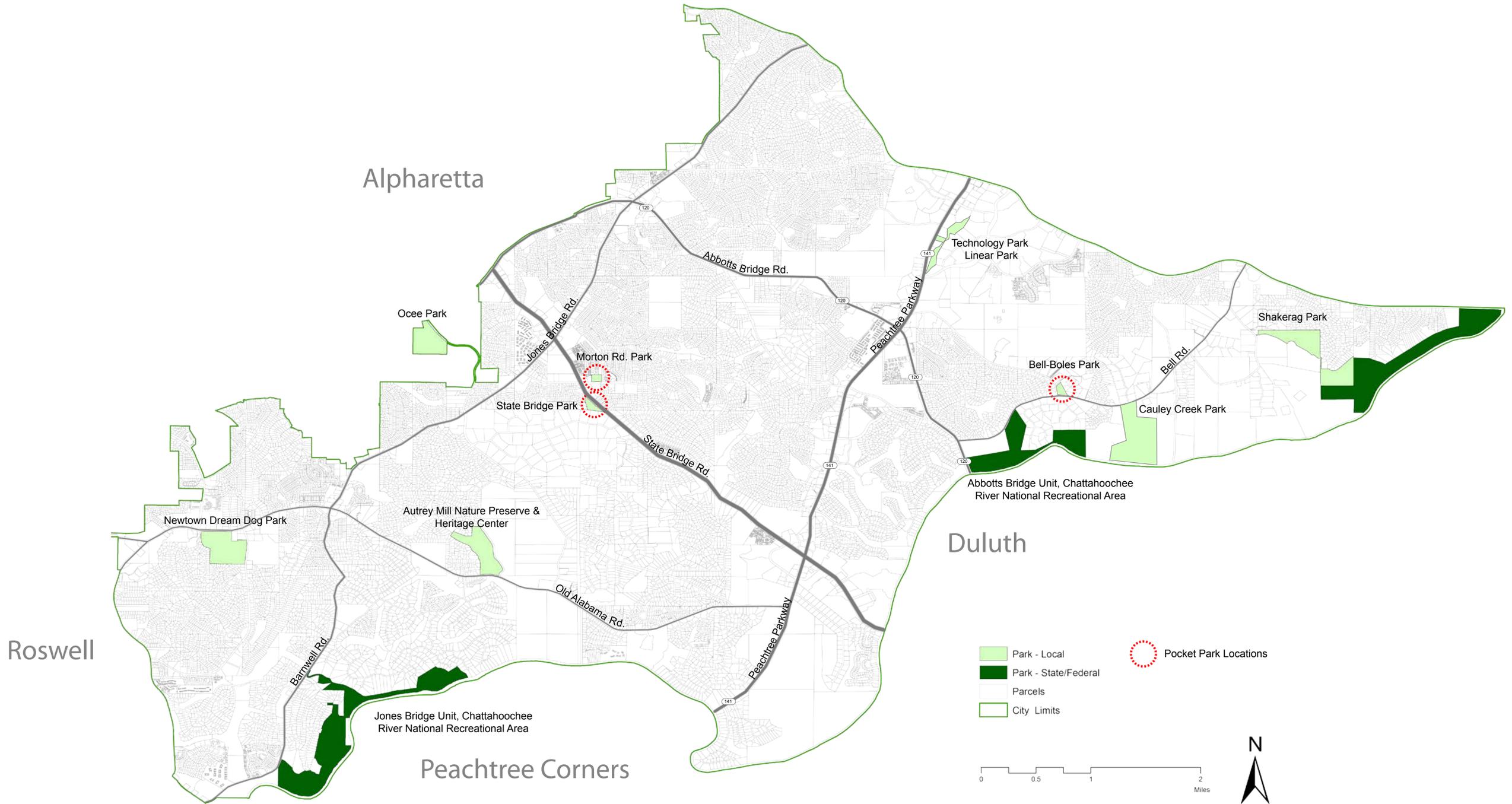


JOHNS CREEK- EXISTING & NEW PARKS



Morton Road Park

- New neighborhood park
- 4 acre property
- Close proximity to State Bridge Park

State Bridge Park

- New neighborhood park
- 4.7 acre property
- Features include a stream, natural woodland, and unique plant species.

Bell-Boles Park

- New neighborhood park
- Adjacent to new roundabout
- App. 2 acres
- Existing multi-use path adjacent to park



This concept provides a dynamic outdoor learning and experiential environment for people of all ages. The park is designed so visitors can explore and experience this 5 acre park while ensuring that the sensitive forest floor plant community is preserved. A raised boardwalk consisting of concrete boards winds its way around trees and topography, ranging in height from 12' to 6' off the ground. Colorful treads are inserted within the walkway to enliven the experience. There are widened areas of boardwalk with benches and overlooks to highlight areas along the path. A tree canopy walk will be a unique experience where visitors can view the park from a difference perspective, from 20' above. The park also will showcase examples of ecological design, including a green roof pavilion, stormwater enhancements, and plantings that sustain native pollinators and birds.

- 1 17 space parking lot, small retaining wall at edge of parking lot
- 2 Biodetention
- 3 Picnic area
- 4 Monarch/pollinator garden within power easement
- 5 Trailhead/entrance area with seating and artwork
- 6 Forest canopy walk
- 7 Nature themed playground
- 8 ADA accessible concrete boardwalk with color enhancements
- 9 Open air pavilion with greenroof Boardwalk
- 10 One stall bathroom, possible composting toilet
- 11 Canopy walk entrance
- 12 Creek overlook
- 13 Stormwater enhancements/artful stormwater feature
- 14 Bridge over stormwater channel
- 15 Stormwater channel biostabilization
- 16 Outdoor learning area
- 17 100 year floodplain
- 18 25' state stream buffer
- 19 50' city stream buffer
- 20 75' city impervious buffer
- 21 Creek



ITEM	TOTAL	ROUNDED TOTALS
Demolition & Earthwork		
Removal and disposal of any existing items on site and clearing and grubbing for existing landscape spaces. Earthwork is items consist of rough and fine grading and soil cuts and disposal and fill to properly prepare the site for appropriate drainage.		
Subtotal		\$85,400.00
Erosion Control		
This will account for costs required to properly implement practices for successful erosion control, sediment control and soil stabilization on site during time of construction.		
Subtotal		\$20,000.00
Water & Stormwater		
Stormwater included costs for detention/retention ponds, bioretention areas, or conveyance systems necessary to provide appropriate drainage. Connections to services for park structures is also accounted for in the budget.		
Subtotal		\$88,850.00
Site Work		
Site work will account for site items including gravel and paved ADA parking, colored or natural concrete and paver walkways, plaza, and stairs, any surfaces of spaces dressed with permeable materials such as crushed gravel, fencing, modular block or cast in place concrete seatwalls and retaining walls, and any custom site elements such as boardwalks, crosswalks, guardrails, canopy walkway, bridges, and other items of equal similarities. Electrical is also included in site costs for the relocation of all existing lines as required and providing services to proposed facilities including restroom facilities, pavilions, and shelters. Site lighting is included as well.		
Subtotal		\$1,261,850.00
Site Furnishings		
The furnishing will include waste receptacles, recycling receptacles, benches, play structures, and park signage.		
Subtotal		\$25,000.00
Structures		
Structures will include restroom facilities, pavilions, and shelters. Play structures are also included in this section along with additional structures directly related to the play areas.		
Subtotal		\$193,240.00
Landscape		
The landscape category includes all plant materials, sodding, seeding and bulk materials for landscape space, i.e. mulch, sand, topsoil, premium planting mix, boulders, etc. Wildflower meadows and prairie preparations and seeding costs are included.		
Subtotal		\$52,720.00
State Bridge Road Crossing		
Costs associated to enhancements at crossing at State Bridge Road *		
Subtotal		\$140,000.00
Project Subtotal		\$1,867,060.00
O&P/Proj Mgmt/Mobilization/Bonding & Insurance		\$466,765.00
8% Survey/Design & Engineering		\$186,706.00
20% Contingency		\$373,412.00
Grand Total		\$2,893,943.00



This concept was inspired by the farming history of the surrounding community. Both fruit trees and non-fruiting trees can be planted on the site in a grid layout to simulate an orchard. The geometric shapes of the lawn, tot lot, community garden, and pollinator meadow are used to mimic agricultural shaped farmland parcels. The walking trail climbs up to the northern corner of the park to where a sensory garden with interesting textures and tranquil sound elements is located. In the center of the 'orchard' is an open play lawn and a picnic shelter. A farm themed tot lot will have oversized fruit and vegetable elements for the kids to climb and play on. The tot lot is located adjacent to the community garden so the children can see plants being grown and harvested up close. A pollinator meadow will help stabilize the hillside located between the parking lot and 'orchard' area, provide important habitat for pollinators and insects to pollinate the orchard trees and the community garden, and educational opportunities. An attractively planted stormwater area is located on the low point of the park near the parking lot.

- 1 8 space and 1 ADA space parking lot
- 2 Stormwater area with aesthetic plantings
- 3 Picnic shelter within the 'orchard' area
- 4 Restroom facility
- 5 ADA accessible walking path loops around park
- 6 Farm themed tot lot
- 7 Open lawn area surrounded by the 'orchard'
- 8 Two pollinator meadows to be functional and educational
- 9 Community garden plots available for rental
- 10 Fruiting or flowering trees
- 11 Sidewalk
- 12 Sensory Garden



ITEM	ROUNDED TOTALS
Demolition & Earthwork Removal and disposal of any existing items on site and clearing and grubbing for existing landscape spaces. Earthwork items consist of rough and fine grading and soil cuts and disposal and fill to properly prepare the site for appropriate drainage.	Subtotal \$31,800.00
Erosion Control This will account for costs required to properly implement practices for successful erosion control, sediment control and soil stabilization on site during time of construction.	Subtotal \$15,000.00
Water & Stormwater Stormwater included costs for detention/retention ponds, bioretention areas, or conveyance systems necessary to provide appropriate drainage. Connections to services for park structures is also accounted for in the budget.	Subtotal \$28,150.00
Site Work Site work will account for site items including gravel and paved ADA parking, colored or natural concrete and paver walkways, plaza, and stairs, any surfaces of spaces dressed with permeable materials such as crushed gravel, fencing, modular block or cast in place concrete seatwalls and retaining walls, and any custom site elements such as boardwalks, crosswalks, guardrails, canopy walkway, bridges, and other items of equal similarities. Electrical is also included in site costs for the relocation of all existing lines as required and providing services to proposed facilities including restroom facilities, pavilions, and shelters. Site lighting is included as well.	Subtotal \$246,300.00
Site Furnishings The furnishing will include waste receptacles, benches, recycling receptacles, play structures, and park signage.	Subtotal \$60,000.00
Structures Structures will include restroom facilities, pavilions, and shelters. Play structures are also included in this section along with additional structures directly related to the play areas.	Subtotal \$250,000.00
Landscape The landscape category includes all plant materials, sodding, seeding and bulk materials for landscape space, i.e. mulch, sand, topsoil, premium planting mix, boulders, etc. Wildflower meadows and prairie preparations and seeding costs are included.	Subtotal \$113,320.00
	Project Subtotal \$744,570.00
	O&P/Proj Mgmt/Mobilization/Bonding & Insurance \$186,140.00
	8% Survey/Design & Engineering \$74,456.80
	20% Contingency \$148,910.00
	Grand Total \$1,154,076.80



The creation of a one-way drive for vehicular circulation through the park offers a sense of enclosure and safety for pedestrians inside the park spaces. Parallel parking and 45 degree, angle parking is located off the drive aisle. The perimeter walkway reinforces the feeling of enclosure and safety. As these two elements navigate into the park, the definition of spaces emerge and accommodating functions and programs are assigned accordingly. In addition to vehicular and pedestrian circulations, the use of the landscape is once again strengthening the enclosure of the internal spaces. Street trees and a wide walkway create a sense of an urban park within the suburbs. The selection of species and their placement is determined by further establishing spaces that are safe for children and all people of the community to enjoy and experience. The play spaces are unique by creating interconnected spaces in one larger space. This design strategy retains the children in one primary location reducing risk of injury and provides additional reassurance of safety.

- 1 18 angled and parallel parking spaces and 2 ADA spaces
- 2 Park gateway and path near Morton Rd. and Abberley Cove
- 3 Pavilion
- 4 Stormwater management area
- 5 2 picnic shelters
- 6 1 restroom
- 7 Play structure area
- 8 Perimeter Walkway
- 9 Multi-use path under the power easement
- 10 Nature themed splash pad
- 11 Colored rubber surfacing on earth mounds
- 12 Open lawn
- 13 Landscaped streetscape
- 14 One-way access drive through park
- 15 Half Court Basketball
- 16 Perimeter Security Fence
- 17 Planted Vegetation Screen
- 18 Future extension of multi-use trail to Abberley Township green space connection located 880' north



ITEM	TOTAL	ROUNDED TOTALS
Demolition & Earthwork		
Removal and disposal of any existing items on site and clearing and grubbing for existing landscape spaces. Earthwork is items consist of rough and fine grading and soil cuts and disposal and fill to properly prepare the site for appropriate drainage.		
Subtotal		\$24,800.00
Erosion Control		
This will account for costs required to properly implement practices for successful erosion control, sediment control and soil stabilization on site during time of construction.		
Subtotal		\$20,000.00
Water & Stormwater		
Stormwater included costs for detention/retention ponds, bioretention areas, or conveyance systems necessary to provide appropriate drainage. Connections to services for park structures is also accounted for in the budget.		
Subtotal		\$58,330.00
Site Work		
Site work will account for site items including gravel and paved ADA parking, colored or natural concrete and paver walkways, plaza, and stairs, any surfaces of spaces dressed with permeable materials such as crushed gravel, fencing, modular block or cast in place concrete seatwalls and retaining walls, and any custom site elements such as boardwalks, crosswalks, guardrails, canopy walkway, bridges, and other items of equal similarities. Electrical is also included in site costs for the relocation of all existing lines as required and providing services to proposed facilities including restroom facilities, pavilions, and shelters. Site lighting is included as well.		
Subtotal		\$503,620.00
Splash Pad		
Costs associated with splash pad construction		
Subtotal		\$425,800.00
Site Furnishings		
The furnishing will include waste receptacles, benches, recycling receptacles, play structures, and park signage.		
Subtotal		\$50,000.00
Structures		
Structures will include restroom facilities, pavilions, and shelters. Play structures are also included in this section along with additional structures directly related to the play areas.		
Subtotal		\$460,000.00
Landscape		
The landscape category includes all plant materials, sodding, seeding and bulk materials for landscape space, i.e. mulch, sand, topsoil, premium planting mix, boulders, etc. Wildflower meadows and prairie preparations and seeding costs are included.		
Subtotal		\$97,080.00
Project Subtotal		\$1,639,630.00
O&P/Proj Mgmt/Mobilization/Bonding & Insurance		\$409,910.00
8% Survey/Design & Engineering		\$164,000.00
20% Contingency		\$327,925.00
Grand Total		\$2,541,465.00