



Parking Expansion

Bartram Trail Branch Library

Client: *St. Johns County*

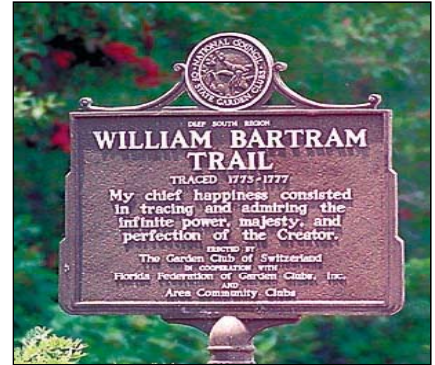
Project: *Bartram Trail Branch Library Parking Expansion*

Location: *60 Davis Pond Blvd, Julington Creek, Jacksonville*

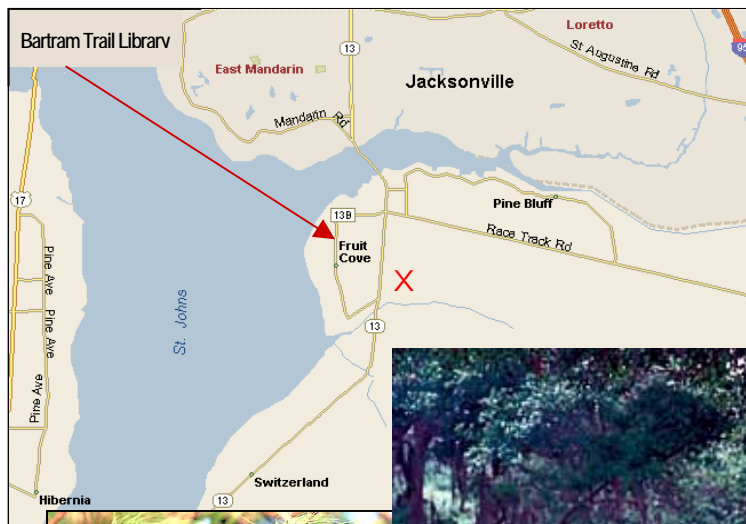
Timeline: *January-September 2001*

P&A CONSULTING ENGINEERS (P&A), Inc., was contracted to expand the parking facility at the Bartram Trail Branch Library in northwest St. Johns County. The project involved adding 39 parking spaces, including two handicapped spaces and associated stormwater detention systems. The plan called for the new parking to be added at the back of the property to preserve and protect the natural buffer along Davis Pond Blvd.

The expansion used swale “best management practices” for water quality treatment and detention, met handicapped requirements, preserved the natural vegetated buffer, which included protected trees, and assisted the Library in meeting community needs.



The plan, as proposed, impacted an isolated 0.2-acre wetland, which was artificially created as a result of surrounding development. However, no preservation, restoration, or mitigation was necessary. The wetland was very small and supported no threatened or endangered species. The U.S. Army Corps of Engineers determined it exempt from permitting and the St. Johns River Water Management District exempted it also as sub-threshold. P&A designed a wet detention pond with sloping grassy swales to provide a water feature at this site.



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