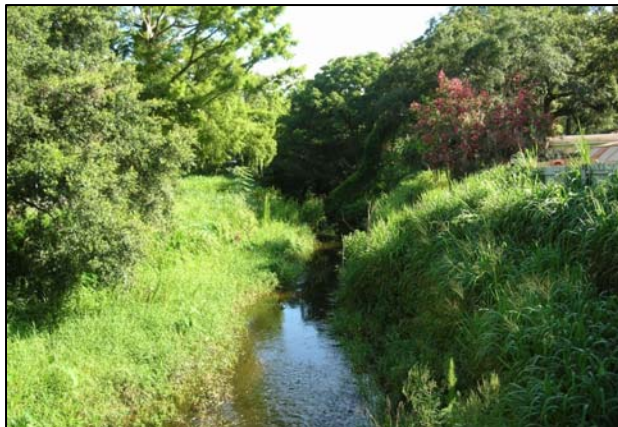


Project Name: Little Wekiva River South –
Riverside Park Drive Erosion Control
Client: Orange County Public Works



The Little Wekiva River South-Riverside Park Drive Erosion Control Project was located north of Riverside Park Drive and west of Forest City Road (SR 434) in north central Orange County, Florida. The project was undertaken to stabilize a section of stream bank along the Little Wekiva River that had experienced severe erosion as a result of the hurricanes in the fall of 2004. The failed section of stream bank was in close proximity to a residence representing a severe safety hazard.

Included in the project was design of river bank restoration and armoring using rubble rip-rap. Broken stone was specified in order to blend with the aesthetics of adjacent segments of the river corridor. Construction plans production was completed using MicroStation, and included a detailed river by-pass plan to divert normal river flows around the construction area. Project permitting was accomplished through the St. Johns River Water Management District to address surface water impacts.

This project was conducted under a continuing service contract with Orange County. As the prime consultant for this restoration project, Inwood was responsible for providing all engineering assessments, ditch restoration and armoring design, plans production, and permitting. Additionally, Inwood provided support services during the project construction and as-built certification.

The project was partially funded through emergency restoration funds from the National Resources Conservation Service. This required the implementation to be done on a fast track time line. All assessment, design, permitting, construction and as-built certification were completed in less than 1 year.

