



SERVICES PROVIDED BY GCI

- Pavement Inspection
- Bulkhead/Retaining Wall Inspection
- Storm Drain Pipe(s) Inspection
- Engineering Analyses and Evaluation

MAIN PROJECT ELEMENTS

- SPT and Auger Borings
- Dynaflect Testing
- Impulse Response (IR) Testing
- Groundwater Penetrating Radar (GPR)
- Video Inspection Services
- Diving Services

NAVAL AIR STATION JACKSONVILLE, FLORIDA

Taxilane, Hangar 101, Seawall (Facility 1991) and Storm Drain Pipes

GCI performed a subsoil exploration and Non-Destructive testing (NDT) program to support on-going maintenance work and future construction projects at the Jacksonville Naval Air Station (NAS) in Duval County, Florida. GCI's scope of work focused on addressing the subsoil/subgrade and groundwater conditions at the floor slab of Hangar 101 and the taxilane area bounded by Building 121 (Boat House) to the North, Blackpoint to the South, Hangars 122, 123, 124, and 140 to the West, and the Seawall (Facility 1991)/St. Johns River to the East. Field testing included Dynaflect and Impulse Response Testing as well as SPT and Auger Borings. GCI also completed the video inspection of 4,265 linear feet of storm drain pipeline near the Seawall area (Facility 1991), to evaluate the integrity of the existing storm drain pipes; GCI provided recommendations for conceptual remedial measures and cost estimates to mitigate the observed anomalies at the facility.



CONSTRUCTION COST: NA
COMPLETION DATE: APRIL 1994