



**PERIOD:** 2005 // **ASSIGNMENT:** Engineering & Consultancy - Post Hurricane Assessment

## ► Project Description

Hurricane Wilma battered Grand Bahama Island in the northern district of the Islands of The Bahamas as a Category 3 Hurricane. As Wilma passed in late October 2005, it left a path of destruction obliterating communities and coastal infrastructure. CCS was engaged by the Ministry of Works & Utilities to conduct a preliminary assessment and prepare a report of the coastal road network.

## ► CCS Role

- CCS' range of services included a visual coastal assessment of the damage of the infrastructure for all coastal roads extending from just west of Freeport to West End and comprising over 20 miles of coastal roads.
- Our team of engineers mapped and logged all pertinent data for reporting purposes.
- CCS utilized the recorded data to develop coastal redevelopment budgets for the damaged roads as well as provide a cost-benefit analysis to various types of coastal protection vs. permanently relocating roads. The damage included complete removal of large sections of asphalt road and road base structure, sea walls and residences.