



**Craig A. Smith & Associates, Inc.**

Engineers • Surveyors • Subsurface Utility Engineering • 3D Subsurface Imaging • Utility Coordination

# BAL HARBOUR VILLAGE UTILITY MASTER PLAN

## Project Entity:

Bal Harbour Village  
655 96<sup>th</sup> Street  
Bal Harbour, FL 33154

## Contact:

Jorge Gonzalez  
Village Manager  
(305) 866-4633  
manager@balharbourflorida.com

CAS Project No.: 12-1680  
12-1146

CAS Profile No.: 163

## Project Description:

A comprehensive CIP project within the Village included roadway and stormwater elements that identified and determined corrective actions required to resolve existing flooding conditions throughout the Village. The Master Plan included preliminary survey and calculations, drainage and roadway design that would take into account future sea level rising, and preliminary cost estimates in the development of new stormwater systems, through best management practices, while addressing water quality and water quantity concerns. The estimated total cost of Village-wide road and stormwater improvements was \$15.9 Million. The costs for development of the Utility Master Plan was \$136,675. The project began in 2014 and was completed in February 2015.

## Responsibilities:

Survey, utility locates, preparation of conceptual engineering design for water, sewer, drainage and street lighting, and preliminary cost estimates.

## Key Personnel:

Stephen C. Smith, P.E. – Senior Vice President; Robert D. Keener, P.S.M. – Vice President of Survey; James Driscoll – Director of SUE; William H. Landis, P.E. – Senior Supervising Engineer; Orlando A. Rubio, P.E. – Senior Supervising Engineer; Al Caruso, E.I. – Project Manager; Tony Gomes – Senior Field Representative; William Tanto – Senior Field Representative

