



Craig A. Smith & Associates, Inc.

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

BAL HARBOUR VILLAGE

SANITARY SEWER SYSTEM EVALUATION STUDY

Project Entity:

Bal Harbour Village
655 96th Street
Bal Harbour, FL 33154

Contact:

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

CAS Project No.: 02-1065

CAS Profile No.: 5

Project Description:

CAS conducted an evaluation of the Village's sanitary sewer collection system which included an inventory of the collection system, SewerCad modelling, sewer flow data acquisition, smoke testing, and sewer line video inspections to determine areas with inflow and infiltration (I & I). An engineering report was prepared which outlined the findings of the evaluation, made recommendations for I & I reduction and incorporated provisions and analysis to comply with Miami-Dade County, DERM and WASD utility requirements for sewer systems. The total project cost was \$232,710. The project began in 2002 and was completed during the same year. Updates were made to the engineering report in 2006.

Responsibilities:

Survey, data collection, preparation of engineering report, modeling and analysis and coordination with governmental agencies.

Key Personnel:

Stephen C. Smith, P.E. – Senior Vice President; William H. Landis, P.E. – Senior Supervising Engineer; Greg Giarratana – Senior Supervising Engineer

