

**PROJECT NAME:** US 441 / SR 7 ROADWAY IMPROVEMENTS

**PROJECT LOCATION:** Village of Wellington, Florida

**PROJECT DESCRIPTION:**

As part of off-site improvements required for a new 1,500 student charter school and day-care center, a right turn lane, left turn lane, and a vehicular bridge were designed, permitted and constructed.

**THOMPSON & ASSOCIATES ROLE:**

T&A was the engineer-of-record for the project and completed a due diligence report, preliminary design, final design, permitting, bidding assistance, and construction inspection services. Prepared the final design packages including demolition, site preparation, paving; grading; drainage collection systems; water distribution system; wastewater collection system; signage; pavement marking; and erosion and sediment control plans. Potable water distribution consisted of a looped system with 900 LF of 8" PVC and 1,600 LF of 12" PVC main around the two structures, connecting to the north over an existing canal (Aerial Crossing) and to the south to an existing stub out, as well fire and service laterals and fire hydrant locations. The sanitary sewer collection system was designed to Palm Beach County Water Utilities Department minimum standard including seven manholes and 1,250 LF on 8" PVC line and associated laterals. Permitting was completed through the Village of Wellington, FDOT, LWDD, SFWMD, PBC Land Development, PBC Water Utilities Department, PBC fire Department, and PBC Health Department.

**PROJECT START DATE:** 2011

**PROJECT END DATE:** 2013

**CLIENT NAME:** MG3 Developer Group

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