

PROJECT NAME: Lyons Road Widening, Turns Lanes & Signalization Improvements
PROJECT LOCATION: Palm Beach County, Florida

PROJECT DESCRIPTION:

Development of a 2,500 student Charter School required off-site improvements. The school development required a ½ mile length of Lyons Road widening including dual left turn lanes with 390 feet of storage, a dedicated right turn lane with 530 feet of storage, and a new signalized intersection. This segment of Lyons Road is designated as a Major Collector and is a Palm Beach County facility with a speed limit of 55 mph. Additional sidewalk was also added for safe pedestrian movements as well as special reinforced concrete crossings for agricultural equipment. The roadway design included lane transitions, shoulder improvements, ADA improvements and a full drainage design which met FDOT, Palm Beach County Roadway Production Division, SFWMD, and LWDD criteria.

THOMPSON & ASSOCIATES ROLE:

As the Engineer-of-Record, Thompson & Associates, Inc. completed the roadway design plans including roadway sections, drainage design and calculations, pavement marking and signage plans, and SWPPP plans. Included in the roadway design plans were utility extensions for 4,750 linear feet of 16 inch potable water main, 4,750 linear feet of 20 inch reclaimed water main, and 4,750 linear feet of 4 inch force main.

PROJECT START DATE: January 2015
PROJECT END DATE: August 2017
CLIENT NAME: MG3 Developer Group

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