



SOUTH SEMINOLE & NORTH ORANGE COUNTY WASTEWATER TRANSMISSION AUTHORITY

410 Lake Howell Road

Maitland, FL 32751-5907

SPECIAL DISTRICT PUBLIC FACILITIES REPORT 2015

The South Seminole & North Orange County Wastewater Transmission Authority, an existing Independent Special District, owns and operates an untreated wastewater transmission system located in portions of Seminole County, Orange County, the Cities of Casselberry, Winter Park, and the City of Maitland. The Authority provides such transmission service to Seminole County, The Cities of Maitland, Casselberry and Winter Park and can provide service to the City of Winter Springs.

The Transmission System consists of thirty three (33) metering points, nineteen (19) pump stations and approximately thirty-two (32) miles of pipeline ranging in size from eight (8) inches to forty-eight (48) inches. The total transmission system of piping has a total hydraulic capacity, under peak conditions, of more than forty (40) million gallons per day. The current load on the system averages approximately ten (10) million gallons per day.

The South Seminole & North Orange County Wastewater Transmission Authority was created by an Act of the Florida Legislature in 1978 and began its design work in the spring of 1979. Design was completed, a Construction Grant was obtained from the Environmental Protection Agency, and Bond Anticipation Notes were issued during 1981, with construction on the system beginning in February 1982. Initial flows into the system were begun in February 1983 and the total system completed in the fall of 1983. Bond Anticipation Notes issued in December 1981 were replaced by Sewer Revenue Bonds in December 1983 and replaced at lower interest rates with bond issues in 1986 and 1993. The Authority paid off these bonds prior to September 30, 2004 and then issued Sewer Revenue Bonds Series 2004 to finance Phase One projects of its Capital Improvements Plan (CIP). Additionally the Authority approved a bank loan in 2012 for a designated force main replacement from Phase II of the Capital Improvement Plan (CIP), rather than draw down the existing fund balance below the minimum balance identified for emergencies and grant matching funds. This CIP consists of items of major maintenance and facilities that require replacement or expansion which were identified through facility inspections, discussions with the operation and maintenance entities and through hydraulic analyses performed via computer modeling.

During the next ten years we anticipate various line segment replacements and pump station rehabilitations due to the maturing of the system. Critical major construction/repairs/replacements have been identified and are included in the long-range capital improvements. Our current anticipation as to capacity and demand remains at the forty (40) million gallons per day ultimate capacity with a probable average demand between fifteen (15) to twenty (20) million gallons per day.