

# Professional Engineering Services

## City of LaBelle, Florida

### Services Rendered

- Funding Review
- Wastewater Facilities Plan
- Sewer System Evaluation
- Sanitary Sewer Collection System Expansion
- Preliminary Design/New Wastewater Treatment Plant
- Effluent Disposal Siting Study



### Project Summary

ATM prepared and submitted applications to include the City of Labelle on the FDEP Request for Inclusion for Construction Projects and the USDA Rural Economic Development Grant/Loan Program. An existing sewer use ordinance, user charge system, and dispute resolution documents were reviewed, and new documents were then prepared in accordance with current guidelines.

To supplement the FDEP SRF loan application, a wastewater facility plan was conducted that consisted of four major components: service area, gravity collection system, wastewater pumping system, and wastewater treatment plant. Each component required review and evaluation of comprehensive land use plans, existing conditions, future/projected conditions, alternatives analysis, and recommendations.

ATM prepared a Preliminary Engineering Report (PER) in support of adding approximately 46,000 LF of gravity sewer piping and several pump stations. These services were added to eliminate public health threats and at the request of city residents.

ATM proceeded with permitting, design, financial planning, and construction services for the wastewater system improvements. These projects were initiated under a phased program. Phase I consisted of a WWTP (0.75 mgd), effluent forcemain, effluent disposal facility (0.75 mgd), and sewer system rehabilitation projects. Phase II projects consisted of several sewer system collection and pump station expansions. ATM also performed water supply planning and system upgrading, including the use of a membrane softening plant and deep injection wells for the disposal of waste brine.