



LAKE CITY, FLORIDA
CITY PROJECTS AND ACTIVITIES REPORT
ADMINISTRATION, COMMUNITY DEVELOPMENT, FIRE, POLICE, PUBLIC WORKS,
RECREATION, AND UTILITIES

January 2015

This report provides a summarized overview of on-going “key” City projects and activities which include description, status, action milestones, and other relevant information. In addition to serving as a public information resource, this report allows for efficient Staff management, administration and monitoring of important City issues. The Report is prepared on a quarterly basis during the months of October, January, April, and July. Current status of projects and activities are:

PROJECTS

1) KICKLIGHTER WATER RECLAMATION FACILITY (WRF)

Description: This Project is for construction of a new one and a half (1.5) million gallons per day (MGD) WRF which has been designed for expansion up to three (3.0) MGD. The financing source is a 2010 Series Utility Bond and reserve Utility Enterprise Fund revenue. The contract for design engineer and engineering services during construction is with Hatch Mott MacDonald Florida LLC.
Responsibility: City Manager, Utilities Director and City Engineer

Status: Nine (9) competitive bids were received on October 10, 2014. The low bid was submitted by Ortega Industrial Contractors in the amount of \$ 11,446,736. The bid was within the budget and included the operations building. The project was awarded to Ortega at the Council meeting on October 20, 2014. The pre-construction conference was held on November 18, 2014. The notice to proceed was issued effective December 1, 2014 and construction is underway. Scheduled substantial completion date is May 24, 2016.

2) KICKLIGHTER WRF WASTEWATER DIVERSION FORCE MAIN

Description: This project is a new force main which will divert 500,000 to 750,000 gallons per day of raw wastewater from the existing St. Margaret WRF wastewater collection/transmission system to the new Kicklighter WRF. The proposed 12” wastewater force main will be connected at master lift

station #122 located adjacent to Windsong Apartments and extended approximately 1.8 miles primarily along Sisters Welcome Road to the Kicklighter WRF. *Responsibility: City Manager, Utilities Director and City Engineer*

Status: Seven (7) bids were received on October 10, 2014. The low bid was DEEB Construction and Development Company in the amount of \$686,197. The project was awarded to DEEB at the Council meeting on October 20, 2014 and notice to proceed was issued effective December 1, 2014. FDOT, FDEP and County permits granted. Construction is underway and is expected for completion well before the May 2016 completion of the Kicklighter WRF.

3) ST. MARGARETS WATER RECLAMATION FACILITY

Description: This Project consists of preventive maintenance upgrades and modifications to critical components of the St. Margarets WRF. Staff continues with planning critical component modifications to facility process components in a programmed manner, funded through the City's annual capital budget process. All future planning activity will be coordinated through the City Utilities Advisory Committee for subsequent recommendations to the City Council. *Responsibility: City Manager, Utilities Director, Director of Wastewater and City Engineer*

Status: Clarifier splitter box and digester aeration support structure analysis is ongoing. Staff plans to research plant automation, spare drives for bio solids gravity belt filter press, piping at clarifier 3, motor control centers, mechanical surface aerators and RAS line valves.

- Splitter Box repaired and painted by Beech Construction.
- Wastewater staff has done some crucial in-house work on the West Digester pontoons with advice from OVIVO Technical Representative. The outrigger and reconditioning of the Digester Aerator frame and assembly are needed and under review at this time.
- Quotes were received by the Sole Supplier (Phoenix) and this critical spare for the Belt Filter Press has been ordered and expected to arrive by the end of December 2014.
- Staff obtaining quotations for SCADA automation. Engineers looking into alternate method of achieving some automation. Staff is continuing an investigation on the best method for reuse programming upgrades as needed for remote monitoring and control functionality. Working with various engineering and systems integrator companies.
- Funds for rebuilding one of the three return pumps has been funded and approved in the 2015 fiscal year budget. Work to be completed in the first half of 2015.
- Grant money provided by FDEP and in cooperation with FRWA (Florida Rural Water association), for sand & grit removal from process tanks has been approved by FDEP, City Utility Advisory Committee, and City Council. The project is expected to begin in the first quarter of 2015. The Project is awarded to Polston Applied Technologies.
- Bio solids contract hauling and disposal was awarded to H&H Trucking and has begun. It is progressing well. The Branford site has had all timber cleared on the west end of the site. Site has been cleared and is intended as a critical option for the City for solids disposal as a contingency, as required by our FDEP bio solids permit. West entrance secured with new gate and fencing as needed.

4) ICHETUCKNEE WATER QUALITY IMPROVEMENT PROJECT:

Description: The Suwannee River Water Management District partnered with the City of Lake City and Columbia County to improve water quality by reducing Lake City’s wastewater nutrient loadings to the Ichetucknee River by an estimated 85 percent. The project involves converting Lake City’s wastewater effluent disposal sprayfields into constructed treatment wetlands to reduce nitrogen loading. The project will also provide beneficial recharge to the Upper Floridan aquifer. Project funding is \$4.6 million with City’s share at \$200K and County at \$100K. *Responsibility: SRWMD*

Status The District’s Governing Board entered into an interlocal agreement on January 14, 2014 with Lake City and Columbia County to implement the project. The Governing Board also authorized the District to enter into a contract with the project contractor to begin execution of the project. Construction is now well underway and continues on schedule for completion during mid-2015. This project is progressing with SRWMD Contract Engineers (AMEC). City staff has reviewed and commented on the 60% Construction Drawings and FDEP (Florida Department Environmental Protection) Permit Application. A meeting to discuss these has been scheduled. After issues are resolved AMEC will proceed with the 90% completion of construction and design drawings for the wetland project and submit the permit application to FDEP for approval. The project is behind schedule, about 3-months, due to AMEC staffing changes and/or other issues not related to the City staff or tasks for this project. Construction Bid package was expected to be completed and ready for advertisement by the end of January 2015. No new date has been confirmed.

5) ANDERSON COLUMBIA (AC) NATURAL GAS LINE CONNECTION

Description: The City Staff and Florida Gas Utilities (FGU) representatives successfully negotiated “dedicated” natural gas service to the Lake City AC Asphalt Plant at a cost of approximately \$1.2 million. The six inch (6”) high density service line will be extended approximately five (5) miles from the US 90 Natural Gas Gate Station to the AC Plant and will allow AC natural gas volume up to 90 million BTU/hr. *Responsibility: City Manager, FGU, Utilities Director and City Engineer*

Status: This project is substantially complete and the line will be placed in service during January 2015. **This will be the final report on this project.**

6) GATEWAY AIRPORT TAXIWAY “A” IMPROVEMENTS.

Description: The City submitted an FAA Pre-Application for funding to the FAA- ADO in Orlando, Florida in January 2014 for the Lake City Gateway Airport’s Taxiway “A” Rehabilitation and its widening to 50’ from 35’; extension of pavement by 2,185’ for a total length of approximately 8,000’; Rehabilitation of 12,500LF of open airfield drainage ditches along Taxiway “A” and the addition of Medium Intensity Taxiway Lights (MITLs) and new lighted Airfield Guidance Signs. These improvements are necessary to provide a safe operating environment for our growing corporate jet activities at the airport. *Responsibility: City Manager, Airport Manager, Passero Associates*

Status: The City of Lake City with the assistance of their Airport Consultant, Passero Associates solicited bids for Taxiway “A” rehabilitation, widening and extension with new lights and airfield guidance signs as well as drainage improvements at the Lake City Gateway Airport. Anderson Columbia was the lowest bidder with a project cost of \$7.1 million which will include all of the

designed improvements along with Construction Administration/Construction Inspection/Quality Assurance Testing. This project was funded with FAA, FDOT and Airport revenue funds. The construction will commence NLT end of January 2015 and be completed by end of December 2015.

7) GATEWAY AIRPORT RURAL INFRASTRUCTURE FUND (RIF) HANGER UPGRADE

Description: The City received notice during July 14 from the Florida Department of Economic Opportunity that the RIF Grant application was approved in the amount of \$406,500 to pay for infrastructure upgrades, floor improvements, lighting upgrades, fire suppression upgrades and other improvements to hangars 3 and 9 at the Lake City Gateway Airport. The total project cost is approximately \$1,355,000 and City Council and Columbia County BOCC will each provide a 35% match (\$474,250) toward the total project costs. This RIF improvement project will add the capacity for addition of 65 new jobs in these two hangars. *Responsibility: City Manager, Airport Manager, Passero Associates*

Status: Passero Associates will soon schedule an initial meeting with HAECO Representatives to go over the grant requirements and the scope of services. Following the meeting (Feb 15) Passero will develop an aggressive schedule reflecting the planned dates for the availability of abbreviated plans/performance specifications and have ready to publish during March 2015. This schedule will depend on coordination requirements from the City of Lake City’s Fire Marshall and any other regulatory agencies. Project is anticipated for October/November 2015 completion.

8) BASCOM NORRIS DRIVE POTABLE WATER SYSTEM INTERCONNECT

Description: Complete existing potable water system loop from US 90 to North Lake Jeffery Road to increase system redundancy and reliability. Creates a back feed to the Northern region of the City’s service area to facilitate system improvements and upgrades. *Responsibility: City Manager, Utilities Director and City Engineer*

Status: This project is substantially complete and the line will be placed in service during January 2015. **This will be the final report on this project.**

ACTIVITIES

1) POTABLE WATER SYSTEM HYDRAULIC MODEL DEVELOPMENT

Description: Comprehensive hydraulic model development of the City’s existing potable water distribution/transmission system in the *WaterGEMS* (GIS) modeling platform. The hydraulic model is used to identify solutions for pressure and volume challenges in the potable water distribution/transmission system and identify system improvements for capital budgeting purposes. *Responsibility: City Manager, Utilities Director and City Engineer*

Status: City Engineering Staff is receiving training performed by Hatch Mott MacDonald. Staff is equipped with the knowledge to hydraulically model new development and system improvement impact on the existing potable water system. **This will be the final report of this activity.**

2) GEOGRAPHIC INFORMATION SYSTEM (GIS) GEODATABASE (GDB) POPULATION

Description: Populate GIS GDB with water, wastewater and natural gas facility assets to enable utility map production, empower intelligent utility decision making and support locate requests. *Responsibility: City Manager, Utilities Director and City Engineer*

Status: Jones, Edmunds proposal approved by Utility staff and forwarded for Report to Council preparation. Expected to start during February 2015.

3) UTILITIES ORDINANCE REVISION

Description: Revise City Council Utilities Ordinance Sections 102-31 through 102-38 with updated language, fees, charges and structure. Provide a Schedule of Fees and Charges separate from the actual ordinance. *Responsibility: City Manager, Utilities Director and City Engineer*

Status: Plan to revise fees only and prepare Utility Advisory Committee discussion item NLT February 2015.

4) CRA MASTER PLAN FUNDING INITIATIVE

Description: Lake Desoto is identified in the November 2011 “*Lake City Community Redevelopment Area Master Plan*” as a “key” community asset. The Plan also designates the Lake as a waterfront improvement and pedestrian zone project. To implement the initiative, the CRA must undertake a detailed design which includes funding and land mass requirements for completion. *Responsibility: City Manager and CRA Administrator*

Status: A number of additional properties will be required for the planned improvements. Thus far, the City purchased the (Africano) property located at 205 NE Hillsboro Street and this lot is now clean and ready to be incorporated into the redevelopment plan. The City Council has approved the funding initiative for leverage of no less than \$1,185,000 to be applied primarily toward Lake Desoto improvements. The City’s financial consultant is underway with preparing the loan application and bid documents for publication during February 2015 with expected loan closing and receipt of funds during April 2015.

END OF REPORT