




## MEMORANDUM

**TO:** Honorable Chair and Members, CRA Board of Commissioners  
City of Riviera Beach, Florida

**FROM:**  Scott Evans  
Interim Executive Director, CRA

**COPY:** J. Michael Haygood, CRA Attorney

**DATE:** May 1, 2019

**SUBJECT:** A Resolution Approving a Contract with the Engineering Firm Chen Moore & Associates to Continue to Provide Consulting Engineering Services to Coordinate the US-1 Corridor Utility Burial Project

---

### Project Summary:

A resolution approving a contract with the Engineering firm Chen Moore & Associates to continue to provide consulting engineering services to coordinate the US-1 Corridor Utility Burial Project.

The Riviera Beach CRA has been actively proceeding with installing underground utility lines to beautify the US1 Corridor (the Project) within the Community Redevelopment Area. The CRA, as part of the long-range plan and capital improvements for the Broadway Corridor and the Marina District, has embarked on the infrastructure improvement that will remove all overhead facilities in designated phases. Installing underground lines will beautify the US-1 Corridor and will protect/harden the utility services.

The installation is being done in coordination with an ongoing Florida Department of Transportation (FDOT) US1 construction project to provide new decorative street lighting along the east side of Broadway between 11<sup>th</sup> Ave and Blue Heron Blvd. The CRA will be responsible for all payments for the installation of the utilities and additional restoration associated with the utility relocations. The costs will be minimized if this installation occurs in coordination with, and prior to, installation of the FDOT street lighting project.

### **Project Coordination & Status:**

CRA has initiated coordination with all effected utilities to develop engineering designs, cost estimates, identify easements and procure contracts with each utility for the relocation of their above utility lines. To-date, efforts include execution of Resolution 2013-20 for construction activities related to Phase 1 of the utility relocations. Phase 1 completed undergrounding of the following utilities: Level 3, Fiber Light Equipment and Fiber Net.

Phase II of the utility coordination includes relocation of Florida Power & Light (FPL), AT&T and Comcast facilities. To effectuate this work the CRA must coordinate between the utilities to complete a final relocation design, assist in easement acquisitions where land is required for facilities, procure utility relocation contracts from the FPL, Comcast and AT&T and coordinate service connections to the effected customers. The CRA is working expeditiously with the affected local Utility providers, our project consultants Chen Moore & Associates, and KCK Consultants.

The Utility companies that need to be relocated require FDOT permits to construct the buried utilities within the FDOT Right-Of-Way. The FDOT will review the construction plans, agree to the construction schedule, issue a permit for approved utility burial work, and inspect to ensure correct completion of the work. The affected utility companies can only proceed with the subject utility burial work once they have received a permit from FDOT. The utilities have approved franchise agreements to work within the State of Florida and the City of Riviera Beach, and are certified to construct their facilities in order to provide their utility services with in the State. They are further approved by FDOT to work within FDOT Right of Way in Florida for properly permitted utility construction. CRA consulting engineer Chen Moore & Associates has coordinated the proposed undergrounding project with all parties to accelerate the effort so it can take place within the current FDOT roadway reconstruction project. The CRA will contract for payment directly with FPL, AT&T and Comcast who will design, construct and maintain their underground facilities in accordance with permits reviewed and approved by FDOT. The CRA will be responsible for all payments for the installation of the utilities and site restoration in accordance with the approved cost proposals from both utilities. The budget will be administered during construction activities with all backup being provided to the CRA regarding quantities, activities and expenditures.

### **Project Schedule:**

Date	Task	Description
Summer 2019	Initiate FPL Final Design	CRA will provide a deposit to FPL to initiate relocation design. CRA to coordinate with FPL during design to confirm easement locations.
Fall 2019/Early 2020	Complete FPL Final Design	Final Design Completed, Approval of Contracts with FPL & AT&T, Final Easements Secured. Begin FDOT permitting process.

Fall 2019/Early 2020	Initiate AT&T Utility Burial Design	Initiate AT&T Final Design. AT&T will require Final Design from FPL prior to completing their design.
Summer 2020	Initiate Construction for Removal of Overhead Power lines	FPL will commence construction. AT&T should follow or coordinate with FPL to underground their facilities in conjunction with FPL construction.
Summer 2021	Complete Construction	New business connections completed and underground system energized.

**Project Budget:**

Phase I of the project has been completed for installation of Level 3, Fiber Light Equipment and Fiber Net utilities. This work was previously authorized under Resolution 2013-20 at a total cost of \$811,776.35. In addition to work associated with the Phase I relocations, significant coordination has been performed to advance the FPL, AT&T and Comcast Final Design. CRA, with the assistance of Chen Moore & Associates, has worked to identify facilities and receive tentative approval for easement acquisitions associated with above-ground service panels, transformers and other facilities required for the underground relocations. Additional budget is necessary to:

- complete the coordination and easement acquisition from effected private landowners,
- contract with FPL, AT&T and Comcast for the design, construction and maintenance of underground relocations
- coordinate the design and installation/relocation of utility customers’ service lines to the relocation underground facilities.

The final budget to complete Phase II of the project will be estimated when the final quotes from the utilities are provided. An updated estimate will be provided once available. A breakdown of these costs has been provided in the table below. The CRA estimates the total cost over the next three budget years to equal 2.5 million dollars.

<b>Phase II (East Side Burial)</b>	<b>Status</b>	<b>Cost Estimate</b>
AT&T	Pending Design and Permit	TBD
FPL	Pending Design and Permit	TBD
Project Design and Coordination	Chen Moore	\$98,040.00
Other	Contingency, Miscellaneous	\$100,000
<b>TOTAL ESTIMATE:</b>		<b>TBD</b>

**Transformation of the Broadway Corridor:**

The Broadway/US-1 Corridor has recently completed reconstruction by the Florida Department of Transportation for the new roadway, sidewalks, decorative crosswalks, new traffic lights, banner arms for a CRA Banner program, new landscaped median, and additional landscaping. New decorative street lighting was placed on the west side of the Broadway corridor. The burial

of the overhead utilities will coincide with the schedule for construction of the east side decorative lighting to be installed by FDOT.

#### **Utility Project Phasing Details and Schedule:**

This project is scheduled to be complete by Summer of 2021. It is in the best interest of the CRA to implement the undergrounding of the utility lines prior to the FDOT project for installation of the decorative street lighting along the east side of the Broadway corridor.

#### **Florida Power & Light:**

- Cost: Underground burial and relocation of equipment and services, removal of all overhead wires and poles, and customer reconnection. FPL will provide the CRA with the deposit amount to initiate design. A binding cost estimate will then be provided to the CRA once final design is completed.
- Permitting: The Final design will require FDOT permits to construct. Final design will proceed following the completion and recording of easements.
- Schedule: FPL will complete the design and contract to perform the work with the CRA in Fall of 2019 to beginning of 2020. Construction will begin in the Summer of 2020 and the project will be completed approximately one year later with the removal of the poles and unused overhead lines in the Summer of 2021.

#### **AT&T**

- Cost: Underground burial and relocation of equipment and services, removal of all overhead wires and poles, and customer reconnection. Cost will be determined once a final design is complete.
- Permitting: AT&T is currently designing the project, the project requires easements that have been located, and approved by AT&T. Final design will proceed following the completion and recording of easements.
- Schedule: AT&T will begin the design once there is clarity on the FPL design. AT&T will not complete final design until after completion of the FPL design. Construction should be able to be coordination with the FPL work to begin in conjunction with or soon after FPL construction.  
AT&T should be completed by Summer 2021.