

Project 19354: City Neighborhood Improvements and Light Conversion Project

Prime Consultant:



CITY OF POMPAÑO BEACH GO BOND DIRECTOR:	HORACIO DANOVICH
CURRENT PHASE:	(multiple locations) DESIGN DEVELOPMENT PHASE-CONSTRUCTION
DESIGN TEAM:	HILLERS ELEC. ENGINEERS/FPL FEES:
CONSTRUCTION TEAM:	FPL PRE-CONSTRUCTION FEES: \$117,900.00
CONSTRUCTION TEAM:	FPL CONSTRUCTION FEES: TBD
AVAILABLE FUNDS:	TBD
APPROVED BUDGET:	\$3,000,000.00

PROJECT OBJECTIVES

Replace outdated, energy inefficient sodium halide light fixtures with new LED-based units. Staff identified two (2) models and styles that can be adopted City-wide: Memphis (decorative) and ATB2 (conventional). The decorative model will be used as much as possible, but existing concrete poles that can not be retrofitted will require the use of ATB2. This model uses a flat LED fixture. The goal is to replace as many as 6,500 to 7,000 units throughout the City with over 400 units anticipated in Collier City, close to 200 in Liberty Park, and another 1,000 in Old Pompano, Cresthaven and the Highlands. The City plans to turn over City-own fixtures to FPL.

PROJECT UPDATES

FPL continues to work on design plans for Old Pompano, Cresthaven and The Highlands. A pre-construction meeting was held to discuss logistics of work in Collier City and Liberty Park. Construction and installation began near the end of August. FPL assists various City teams on other projects including NE 33rd Street (convert existing lights to new LED), A1A (undergrounding efforts and new LED lights), and McNab Road (convert existing lights to new LED). In addition, FPL prepared initial documentation to start converting over 1,500 City-owned light units scattered across the City. Staff attended a construction meeting ahead of work in Collier City and Liberty Park. The FPL contractor laid cables in both neighborhoods beginning the week of September 8. Installation of light fixtures is expected to be done in 6 months. Installation of cabling and equipment continues and staff received final plans from FPL for Old Pompano. In the meantime, the public utility is concentrating their efforts to finalizing engineering plans for Leisureville and Kendall Lakes. Subsequently, FPL will focus on Cresthaven and The Highlands. Simultaneously, FPL engineers are working in tandem with City's design teams working on layouts for SR A1A, Dixie Highway, NE 33rd Street, McNab Road, and a few areas in Palm Aire. Collier fourth phase is 70% complete. Work remains on schedule. Charlotte Burne Center is 95% complete, with one item remaining. NE 33rd St planned to start in March 2021.

PUBLIC OUTREACH MEETING NO 1: 24-Apr-19

PUBLIC OUTREACH MEETING NO. 2: 28-Aug-19

PROJECT FORECAST

FPL will retrofit as many as 3,000 light fixtures in approximately 12 months.



Project	Number of Lights to Install	Number of Lights Completed	Completion (%)	Status
Collier	400	280	70%	Phase 1,2 completed. Phase 4 70% complete, on hold for NE 33rd St work
Liberty	174	0	0%	To be started upon completion of Collier
Charlotte Burne Civic Center	4	3.8	95%	95% complete, missing one item
Conversion Phase 1	560	0	0%	Jobs 1, 2 & 4 are completed material arriving incrementally
Old Pompano	239	0	0%	Permitting now requires utility drawings
Highlands	800	0	0%	Preliminary plans complete, in engineering review
Cresthaven	845	0	0%	Agreement signed, invoices sent. Payment to be approved by commission 3/23
N.E. 33rd Street	35	0	0%	Lights and personnel from Collier construction
Dixie Highway- McNab to Pompano Park	96	0	0%	Change received 2/3/2021, sent to designer for review (permit approved with original design)
A1A overhead to underground conversion	160	0	0%	Phase 1 material released to contractor, preliminary sketch and generator submitted 2/4/2021
Leisureville & Kendall Green	478	0	0%	Phase 1 design due 3/12/2021
City owned lights	97	0	0%	Received list 11/6/2020. Inspections complete, waiting for written report
Conversion Phase 2	4289	0	0%	Jobs 9, 17, 20, 24, 25, 26, 27 & 28 are completed. Material arriving incrementally.
Dixie Segment 2	0	0	0%	Received from Kinley Horn, sent to design team for review. Sequence to be determined
% Total Completion:		3%		
Total:	8180			

PROJECT SCHEDULE

DESIGN PHASE:

Begins October 2018 Ends: Aug 2020

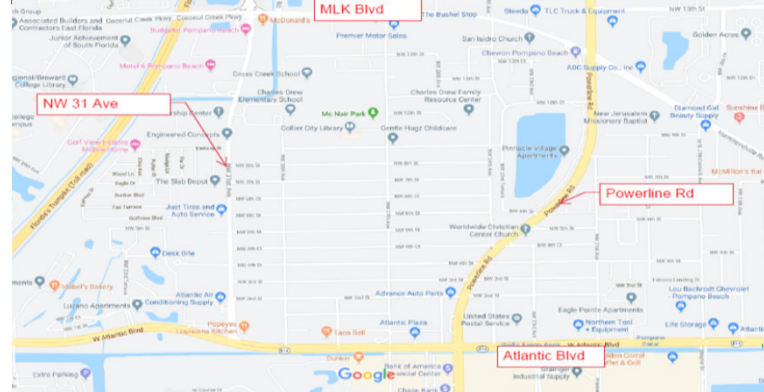
There are 5 phases before starting construction.

1. Concept Phase
2. Schematic Phase
3. Design Development Phase
4. Construction Documents
5. Permitting for Construction

CONSTRUCTION PHASE:

Start date Aug 2020- End date June 2021

PROJECT SITE LOCATION



Typical Light Fixture

