



**Minutes**  
**Town of Lake Park, Florida**  
**Regular Commission Meeting**  
**Wednesday, January 5, 2011, 7:30 p.m.**  
**Town Commission Chamber, 535 Park Avenue**

The Town Commission met for the purpose of a Regular Commission Meeting on Wednesday, January 5, 2011 at 7:30 p.m. Present were Mayor Desca DuBois, Vice-Mayor Patricia Osterman, Commissioners Kendall Rumsey, Steven Hockman and Town Manager Maria Davis, Town Attorney Thomas Baird, and Town Clerk Vivian Lemley. Commissioner Jeanine Longtin was absent during roll call but arrived at the meeting at 7:50 p.m.

Mayor DuBois led the Invocation and the Pledge of Allegiance. Town Clerk Vivian Lemley performed the Roll Call.

**ADDITIONS/DELETIONS/APPROVAL OF AGENDA**

Item #2, Agreement with the Supervisor of Elections for Vote Processing Equipment Use and Election Services was pulled from the Consent Agenda.

**Motion: A motion was made by Commissioner Rumsey to approve the Agenda as amended; Commissioner Hockman made the second.**

Vote on Motion:

Commission Member	Aye	Nay	Other
Commissioner Longtin			Absent
Commissioner Hockman	X		
Commissioner Rumsey	X		
Vice-Mayor Osterman	X		
Mayor DuBois	X		

Motion passed 4-0

**PUBLIC AND OTHER COMMENTS:**

None

**CONSENT AGENDA:**

1. Regular Commission Meeting Minutes December 1, 2010
2. Resolution No. 1-11-11 Establishing the 2011 Municipal Election for Mayor

**Public Comment Open.**

*None*

**Public Comment Closed.**

**Motion: A motion was made by Vice-Mayor Osterman to approve the Consent Agenda; Commissioner Rumsey made the second.**

Vote on Motion:

Commission Member	Aye	Nay	Other
Commissioner Longtin	X		
Commissioner Hockman	X		
Commissioner Rumsey	X		
Vice-Mayor Osterman	X		
Mayor DuBois	X		

Motion passed 5-0

**ORDINANCE ON 2nd READING**

**ORDINANCE NO. 13-2010 – Ad Valorem Tax Exemption**

**AN ORDINANCE OF THE TOWN COMMISSION OF THE TOWN OF LAKE PARK, FLORIDA, AMENDING CHAPTER 28 OF THE CODE OF ORDINANCES TO CREATE A NEW ARTICLE V ENTITLED “ECONOMIC DEVELOPMENT AD VALOREM TAX EXEMPTIONS”; PROVIDING FOR SECTION 28-251, ENTITLED “TITLE”; PROVIDING FOR SECTION 28-252, ENTITLED “INTENT”; PROVIDING FOR SECTION 28-253, ENTITLED “DEFINITIONS”; PROVIDING FOR SECTION 28-254, ENTITLED “ECONOMIC DEVELOPMENT AD VALOREM TAX EXEMPTION ESTABLISHED”; PROVIDING FOR SECTION 28-255 ENTITLED “APPLICATION FOR EXEMPTION”; PROVIDING FOR SECTION 28-256, ENTITLED “CONSIDERATION OF APPLICATION”; PROVIDING FOR SECTION 28-257, ENTITLED “APPLICATION FEE”; PROVIDING FOR SECTION 28-258, ENTITLED “REVOCATION OF EXEMPTION; RECOVERY OF FUNDS”; PROVIDING FOR SECTION 28-259 ENTITLED “APPEALS”; PROVIDING FOR SECTION 28-260, ENTITLED “SURVIVAL”; PROVIDING FOR THE REPEAL OF LAWS IN CONFLICT; PROVIDING FOR CODIFICATION; AND PROVIDING FOR AN EFFECTIVE DATE.**

**Public Comment Open.**

*None*

**Public Comment Closed.**

**Motion: A motion was made by Commissioner Hockman to approve Ordinance No. 13-2010 upon 2nd reading; Commissioner Rumsey made the second.**

Vote on Motion:

Commission Member	Aye	Nay	Other
Commissioner Longtin	X		
Commissioner Hockman	X		
Commissioner Rumsey	X		
Vice-Mayor Osterman	X		
Mayor DuBois	X		

Motion passed 5-0

Attorney Baird read Ordinance No. 13-2010 by caption-only.

**PRESENTATION**

**Final Report for Cost Alternatives for Town Wide Street Lighting**

Mr. Youngross began a PowerPoint presentation on a final report for Town-wide street lighting cost alternatives. He stated that since his last presentation, he went back and revised some of the numbers and received additional information from FPL. He reviewed "Required Services RFP" (see page 3 of Exhibit "A"). He reviewed and explained "Estimated Costs" (see page 4 of Exhibit "A"). He reviewed and explained the estimated costs for "Town Owned LED Cobra Head Streetlight: Overhead Wiring" (see page 9 of Exhibit "A"). He reviewed and explained the estimated costs for "Town Owned LED Cobra Head Streetlight: Underground Wiring" (see page 10 of Exhibit "A"). He reviewed and explained the estimated costs for "Town Owned Residential LED Streetlights" (see page 11 of Exhibit "A"). He reviewed and explained estimated costs for "Town Owned LED Acorn Head Streetlight" (see page 12 of Exhibit "A"). He reviewed and explained "Estimated Costs Per Household" (see page 13 of Exhibit "A"). He reviewed and explained "Estimated Operating Costs" (see page 14 of Exhibit "A"). He explained and showed pictures of "Photometrics" (see pages 15 through 18 of Exhibit "A"). He showed the residential street light layout (see page 19 of Exhibit "A"). He gave picture examples of "Existing FPL Roadway Lighting" and different styles of "LED Fixtures" (see pages 29 through 36 of Exhibit "A").

Mayor DuBois asked if it would take approximately three years to change the lighting out.

Mr. Youngross stated that light fixtures would be installed within a year and a half.

Mayor DuBois asked if \$610,000 was the figure for FPL to remove the light fixtures.

Mr. Youngross explained that \$610,000 would be the cost to remove all the light fixtures in the areas where town wide fixtures would be installed. He stated that it depended on what fixtures are taken out and in what areas. The cost could range from \$320,000 to \$610,000. He stated that FPL charges a premium for removing the fixtures if they have been installed for less than 10 years.

Commissioner Rumsey asked Mr. Youngross to clarify and explain the figures he presented on page 5 of Exhibit "A". He asked if the figure on the bottom right reflected two fixtures per block.

Mr. Youngross stated yes.

Commissioner Rumsey asked where the fixtures would be installed.

Mr. Youngross stated that the fixtures would be installed in the residential areas at approximately mid-block.

Commissioner Rumsey asked if they did the option on page 5 of Exhibit "A" they would be paying \$62,000 and if they added the additional poles mid-block that figure would be approximately \$129,900 per year. He referred to page 7 of Exhibit "A" and asked how long the \$148,100 yearly cost would be guaranteed by FPL.

Mr. Youngross stated that the rate would vary each month based on electrical usage and rate charges.

Commissioner Rumsey asked that figure would go up if FPL asked for a rate increase.

Mr. Youngross stated "yes that was correct".

Commissioner Rumsey asked if it was one million dollars to add the conduit.

Mr. Youngross stated "yes that was correct."

Commissioner Rumsey asked if it would be 2014 before FPL would add the new poles.

Mr. Youngross stated that they estimated two to three years in order for FPL to gather all materials and prepare their budget.

Commissioner Rumsey asked Finance Director Anne Costello to tell him what \$148,100 times 20 would be.

Finance Director Anne Costello stated that it was \$2,962,000.

Commissioner Rumsey referred to page 9 of Exhibit "A" and asked when FPL would remove the old poles to install the new ones.

Mr. Youngross explained that the old poles would be left in service until the new poles come online.

Commissioner Rumsey referred to page 10 of Exhibit "A" and stated that there was a combination of an Acorn and Cobra light fixture.

Mr. Youngross explained that the Acorns would replace the existing town owned metal halo light fixtures on Park Avenue, the park and the Marina.

Commissioner Rumsey asked if the price reflected just replacing the inside of the light fixtures.

Mr. Youngross explained that the pricing was for the worst case scenario where the light fixture and pole would need to be replaced.

Commissioner Rumsey referred to page 14 of Exhibit "A" and asked if the electrician mentioned would be dedicated to just the lighting.

Town Manager Davis explained that initially the electrician would have a lot of time on their hands and would be able to work on other electrical projects but once the lighting was installed, that electrician would be working full-time on just that.

Commissioner Rumsey asked how much the Town was spending on electrician or electrician work.

Town Manager Davis explained that she did not know but it was not close to the \$66,000 per year allotted for the proposed lighting electrician.

Commissioner Rumsey asked if FPL would be compliant with the Town's requests regarding where to not to install lighting poles.

Mr. Youngross stated that FPL would work with the Town and their requests.

Commissioner Rumsey asked if the light poles would 26 foot or 28 foot.

Mr. Youngross stated that the poles would be 28 feet tall.

Commissioner Rumsey asked if more trees would be lost with the 28 foot poles mid-block than with the LED poles.

Mr. Youngross stated that more trees would not necessarily be lost. It would all depend on the design and the layout of the poles.

Commissioner Rumsey asked if FPL would be willing to work with the Town with regards to making modifications.

Mr. Youngross stated yes but the only problem would be the above-ground wiring where the trees mix with the wires. He stated that it would have to be coordinated to have them

install the wiring across the street from the tress or in any other way that would keep them from mixing with the trees because FPL would cut those trees to accommodate the wiring.

Commissioner Rumsey asked Finance Director Anne Costello for the monthly cost for residents on the 20 year plan.

Finance Director Anne Costello stated that the millage rate would be \$1.65 and would depend on the value of the home. Based on a home worth \$150,000 the yearly cost would be \$246.

Vice-Mayor Osterman stated that she reviewed the numbers. She gave examples of the costs per household for the FPL system and the LED system. She expressed her concerns with the monthly expenses and the increases when the Town's budget keeps shrinking. She asked Town Manager Davis to discuss and address those concerns.

Town Manager Davis stated that staff was concerned with adding the additional costs per year to the budget. She stated that they would make it work, but it would be difficult to find a way to come up with the additional \$148,000 per year.

Vice-Mayor Osterman asked if the additional millage rate was a special assessment.

Finance Director Anne Costello explained that it would be a debt service rate in addition to the operating millage.

Vice-Mayor Osterman stated that as much as she wants to see street lighting, her gut feeling is that the timing is bad because the Town has had to cut 1 million from the budget and she foresees more cuts in the next year and she was concerned with the timing of the LED lights in general. She stated that if the Town was do the lighting she wanted to have LED lighting underground, but the changes in the LED technology are so extreme right now and makes her want to hold off. She stated that if the Commission wanted to vote to put the lighting to referendum that would be fine and it would ultimately be up to the residents, but she could not vote to put it to referendum and feel that as a Commissioner she would be fiscally responsible to the Town.

Commissioner Hockman asked why Mr. Youngross was proposing concrete poles instead of wood.

Mr. Youngross explained that he proposed concrete poles since it was a figure cost since the concrete poles were standardized with LED lighting. He stated that the Town could have wood poles and they would be less money than the concrete poles.

Commissioner Hockman stated that Mr. Youngross added additional poles for spacing.

Mr. Youngross explained that he was being safe and conservative with his estimates.

Commissioner referred to page 2 of Exhibit "A" and asked why it states under FPL lighting that the new fixtures would spread out the lighting more effectively but would not be designed for street lighting for the ISENA. He asked why it stated that.

Mr. Youngross explained that the lighting was not roadway design lighting but supplemental lighting.

Commissioner Rumsey asked Mr. Youngross if the FPL lighting would not light the same as the LED.

Mr. Youngross stated that in his opinion he would study it. He stated that he did a comparable spacing of the FPL cobra head and the spacing came out to the same as the LED which were five poles per block in a staggered layout.

Commissioner Hockman asked if overhead wiring would have to be eliminated if the Town used the LED lighting because in his opinion you cannot mix the underground wiring with the overhead wiring.

Mr. Youngross stated that was correct.

Commissioner Hockman asked what the wattage Mr. Youngross was using to make his calculations of monthly charges.

Mr. Youngross stated that he used 120 watts for the cobra head and 105 watts for the acorn head.

Questions and answers continued between the Commissioners and Mr. Youngross regarding the final report on the lighting cost study.

Commissioner Rumsey asked Town Manager Davis if the objective that night was to determine whether or not the Town wide street lighting would go to referendum.

Town Manager Davis stated that was correct. She stated that she was confused because her recollection was that the Commission voted unanimously at the last meeting to go with the Acorn LED lighting and based on the Commission's comments she was now confused on which direction they wanted to take.

Commissioner Rumsey stated that some of the comments that were made that night were almost "laughable". He stated that when the Commission decided to go out and obtain a lighting consultant, Vice-Mayor Osterman insisted that if a consultant was hired and paid for then the item would have to go to referendum and she made everyone say that if the money was spent that the item would go to referendum. He stated that there have been comments made that the Commission does not listen to the public and the public was afraid to come and talk to them. Also, the Commission just does what they want and not listen to them. He stated that the referendum would be the chance to let the public speak. He stated that the public had the right to speak and the Commission stated that if they hired a lighting consultant then the question would have to go to referendum.

Mayor DuBois stated that the Acorn lighting should be one of the choices on the referendum.

Discussion ensued regarding options to place on the referendum and whether or not to go to referendum.

Town Manager Davis asked Town Attorney Baird to clarify and navigate the direction the Commission should take.

Town Attorney Baird stated that he understood that the Commission would agree on the design of a lighting system, and then would place that system on the ballot for referendum. He also understood that the Commission decided on Acorn lighting with underground wiring. He stated that they would have to decide whether or not to put that choice to referendum.

Vice-Mayor Osterman stated that there would need to be education on the lighting system for the public. She asked what the cost would be for the educational material.

Town Manager Davis stated that it would cost approximately \$10,000.

Vice-Mayor Osterman recommended that the Commission choose the design of the system and put it to referendum that way.

Commissioner Rumsey asked if the referendum would include the industrial section of the Town.

Vice-Mayor Osterman stated that it was her recollection that the Commission decided on acorn lighting for residential and LED cobra head lighting in commercial.

Commissioner Longtin stated that unless the FPL lighting went to referendum she probably would not vote for it. She stated education would need to be very big and she does not see it happening. She stated that the public has had a chance to speak and no one has come to speak on the topic. She stated that she did not see a big groundswell. She stated that she would be in favor of the FPL lighting with concrete poles as a referendum. She stated that she was concerned with the maintenance and having the Town take on more maintenance when it was not fulfilling the maintenance it has now.

Vice-Mayor Osterman stated that what Commissioner Rumsey stated about what she said was absolutely right but the numbers and monthly costs have increased dramatically for the maintenance and the electricity. She stated that she was concerned.

Commissioner Rumsey stated that his answer to that was when you go to the polls vote against it but the public has the right to come and vote on it.

Vice-Mayor Osterman stated that she understood that but as the leaders they have to stand behind it and say they believe in it. She stated that she was very concerned about the budget and by them putting it forward they are saying they endorse it.

Commissioner Rumsey stated that he disagreed.

Vice-Mayor Osterman stated that they have to be very careful about the education piece that they put forward.

Commissioner Rumsey stated that they could not legally put out an education piece that goes either way. He asked Town Manager Davis if he was correct.

Town Manager Davis stated that was correct and explained that the referendum question would have to say for example "Do you want construction for the installation of lighting in the amount of....". She stated that they could give the facts in relation to the education and because it would be such a tight timeline, if they go that route, she would send mailers to every household.

Mayor DuBois asked if the cost for the educational flyers would cost approximately \$10,000.

Town Manager Davis explained that the cost of the flyers would be approximately \$20,000 with postage and design.

Mayor DuBois asked Commissioner Hockman what his opinion was on the lighting referendum.

Commissioner Hockman stated that from a personal standpoint, he did not agree with it. He stated that he was happy with the current lighting. He understood that some areas needed lighting, but if he were to choose, he preferred the Acorn lighting. He stated that one year ago the costs started at approximately 2.5 million and it was now at approximately 8 million. He continued to express his concerns with possible maintenance costs and other replacement costs and issues. He stated that the project would cost the Town approximately 10 million by the time it was all done.

Commissioner Longtin thanked Mr. Youngross for his presentation and his time and she stated that she agreed with Vice-Mayor Osterman that the figures that were originally presented were different and the cost has dramatically increased. She stated that the numbers do not work for the Town at this time.

Vice-Mayor Osterman clarified and stated that Commissioner Hockman stated that the FPL lighting was only a little bit more in cost but it was actually double in terms of maintenance because while the figure was close to the same it was almost half the lights.

Commissioner Hockman explained that basically there was half the lights but the same amount of lighting just a different color. He explained why it was the same amount.

**Public Comment Open.**

*None*

**Public Comment Closed.**

A motion was made by Commissioner Rumsey to approve a referendum question on the ballot for the March 2011 Election for Acorn lighting with underground wiring in the residential areas and Cobra head lighting with overhead wiring in the industrial areas.

Mayor DuBois passed the gavel to Vice-Mayor Osterman and seconded the motion.

Vote on Motion:

Commission Member	Aye	Nay	Other
Commissioner Longtin		X	
Commissioner Hockman		X	
Commissioner Rumsey	X		
Vice-Mayor Osterman		X	
Mayor DuBois	X		

Motion failed 3-2.

Mayor DuBois recessed the meeting at 8:50 p.m.

Mayor DuBois reconvened the meeting at 8:56 p.m.

**DISCUSSION AND POSSIBLE ACTION**

**Flagler Boulevard Irrigation System Phase II**

Town Manager Davis asked Public Works Director Dave Hunt to explain the item.

Public Works Director Hunt gave a brief history and background on the discussion item. He explained that the irrigation contractor had stated that he could get the system operational but because of the nature and condition of the system the contractor was reluctant to give a total renovation price. The contractor began work on a time and material contract. The first phase was for \$6000 to bring pressure to the existing main trunk lines of the system which included new pumps, controllers and operational valves. The contractor worked with the materials the Town had and the agreement was that upon pressurizing the system, a better idea could be had as to what further work needed to be done to begin phase two and that is where the system is at now. The contractor was able to supply water to all of the zones and all of the valves were operational. He stated that there was pressure to each one of the zones. He stated that the report he has brought forward to the Commission was the figure that the contractor has come up with to complete phase two.

Vice-Mayor Osterman stated that she thought that continuing with the project would be cost prohibitive to the Town and did not think the Town should put any more money towards fixing the sprinklers at this point.

Commissioner Longtin stated that she did not understand that and wanted to know who would want to drive through a blighted area of Town to get to the CRA.

Commissioner Hockman stated that he did not understand Vice-Mayor Osterman's comment. He stated that the system was functioning but since the system has sat for approximately five years, sand has gotten into the lines. He asked why the Town's own in-house irrigation person could not go out and replace the sprinkler heads.

Public Works Director Hunt explained that the valves were functioning but have not yet been located by the contractor. He stated that 30% of the heads were visible and spraying and another 30% appeared as wet damp spots on the ground and another 30% were not visible at all. He stated that there would need to be a lot digging and exploratory work to find those sprinkler heads and would be very time consuming. He stated that the contractor worked for two months for perform the first phase of work at \$6,000. He stated that it would now be double the amount of work and be more expense on top of the \$6000 already spent. He estimated that phase two would take approximately three to four months. He stated that the system was very unique and staff was not familiar with that type of system. He stated that if he took staff away from other irrigation maintenance at the parks to work on the Flagler irrigation, the other irrigation systems in the Town would suffer.

Commissioner Hockman asked if the contractor could turn the valve on one day per week. He stated that the wet spots would show where those sprinkler heads were.

Public Works Director explained the difficulties with the system in detail and the work it would take to investigate the issues.

**A motion was made by Vice-Mayor Osterman to discuss tabling the Flagler Boulevard irrigation project until next year; Commissioner Longtin made the second.**

Mayor DuBois stated that the Commission was very aware of making sure that with anything that they approve that requires funds must be bid. She stated that they have been informed that the contractor cannot provide the information that the Town Manager needs to competitively quote the remainder of the project to prepare a budget estimate. She stated that she would love to see every square inch of Flagler Boulevard and the Town of Lake Park beautiful but the Town does not have the funds in these economic times.

Commissioner Longtin stated she did not vote for the lighting systems because of the lack of funds because the Town could not maintain a sprinkler system. She stated that the Town has a gentleman who is employed to work on irrigation systems. She asked why the Town was closing a road and asked where the Town was getting the money to go do that. She recommended that the Town take a loan from the CRA in order to make the rest of Lake Park beautiful so that people would want to go to the CRA.

Commissioner Rumsey stated that he did not support the current motion. He stated that he wanted to the project voted on up or down regardless.

Commissioner Hockman stated that he did not understand what all of the difficulty was about. He explained the reasons why.

Attorney Baird explained that the discussion was whether or not to table the sprinkler project.

**Vice-Mayor withdrew her motion.**

**Public Comment Open.**

*None*

**Public Comment Closed.**

**Motion: A motion was made by Vice-Mayor Osterman to not continue and spend any more funds on the Flagler Boulevard sprinkler system; Commissioner Rumsey made the second.**

Vote on Motion:

Commission Member	Aye	Nay	Other
Commissioner Longtin		X	
Commissioner Hockman		X	
Commissioner Rumsey	X		
Vice-Mayor Osterman	X		
Mayor DuBois	X		

Motion passed 3-2

Mayor DuBois stated that she wanted to refer to the comment made that there were parts of Lake Park were blighted. She stated that nowhere in Lake Park was it blighted.

Commissioner Longtin stated that it was blighted

**COMMENTS BY COMMISSION, TOWN MANAGER, TOWN ATTORNEY**

**Commissioner Rumsey** stated that he wanted to congratulate Mayor DuBois for her work on the sober house issue. He stated that Attorney Baird and the Town's Lobbyist Fausto Gomez have been working on the issue as well. He stated that it looked like the sober house issue would come up before the legislature this year and the Town may get positive results. He thanked Mayor DuBois for her leadership and hard work on the issue.

**Commissioner Longtin** stated that she wanted to make everyone aware that the Palm Beach County surtax of .5% has ended on December 31, 2010 and the state's sales tax was now 6%.

**Vice-Mayor Osterman** stated that she understood why the Mayor did not like the word blight but if it weren't for blight the Town would not have the CRA. She wished everyone a "Happy New Year".

**Commissioner Hockman** stated that he was not for spending money but felt that most people would like to see the irrigation system fixed. He stated that he believed that the Town's irrigation tech could accomplish the job and that the Town should fix it. He stated that to spend the \$6,000 now and then to leave it sit for another five years that would mean the Town threw that money out the window. He stated that he believed that they should do everything they can to try and fix the system by having someone going out and replacing the sprinkler heads possibly once every two weeks.

**Mayor DuBois** stated that she received some phone calls from senators regarding the sober house issue and stated that there was some good traction in the legislative year on the issue.

**Attorney Baird** stated that there has been ongoing coverage regarding the foreclosure issue. He stated that the properties are starting to move through the process and putting them back on the market. He stated that a lot of the lenders have been coming to the Special Magistrate Hearings and have been paying for releases of liens and because of that the Town has been able to recover the costs that occurred in the original prosecution of those code enforcement cases and also in most cases collect the fines and interest accrued. He explained that the lenders were not obligated to pay the liens because the foreclosure process wiped out the lien but in re-selling the properties it was more expeditious for the lenders to pay those liens and fines. He stated that for example they will settle three cases and expect to recover in excess of \$1000 in administrative costs and \$12,500 in fines. He stated that he reached an agreement to join the firm of Jones, Foster, Johnson, & Stubbs. He stated that the law firm once represented Lake Park and has been represented cities in Palm Beach County since 1909. He stated that he would be working out of their Jupiter and West Palm Beach office and the move would bring additional support for himself and different areas of expertise in law in which he would otherwise have to retain an outside law firm for. He reviewed and explained the advantages the move would bring to the Town and gave a brief history of the law firm. He asked for consensus from the Commission to authorize the Mayor to execute an assignment of his contract to the firm. He explained that nothing would change in the way he does business with the Town and his personnel would be going with him.

**Vice-Mayor Osterman** asked if there were a situation where he would need to go to another partner in the firm would he still charge the current rate to the Town.

**Attorney Baird** explained that he would negotiate and try to get the same rate charged. If he was not able to do that the rate that would be above his rate would be comparable to the going rate.

**Vice-Mayor Osterman** stated that if they were to put the item on the agenda for the next meeting she would appreciate that Attorney Baird would have definite answer concerning rates.

**Mayor DuBois** explained that Attorney Baird was asking for consensus and the law firm he was moving to was an excellent law firm and he had her consensus since his rate would not change.

**Commissioner Rumsey** gave his consensus.

**Commissioner Longtin** asked when Attorney Baird's contract would come up for renewal.

**Attorney Baird** explained that his contract would be up for renewal in August and the contract renews unless it is terminated.

**Commissioner Longtin** gave her consensus.

**Vice-Mayor Osterman** gave her consensus.

**Commissioner Hockman** gave his consensus.

**Town Manager Davis** announced the American Cancer Society Relay for Life pep rally in support of its 2011 Lake Park Relay for Life. The rally will be held on Tuesday, January 11<sup>th</sup> at Dance Tonight located at 914 Park Avenue next to the post office at 5:30 p.m. She announced that Town hall has had new carpeting installed in the hallway and laminate wood flooring was installed on the landing in front of the Mirror Ballroom. She stated that the finishing touches were being done to Ilex Park and the dedication is planned for early February and would be sending invitations for the dedication to the neighborhood. She stated that she had before pictures of the park and it previously looked like a "dust bowl".

**Commissioner Longtin** stated that it sounded like Flagler Boulevard's sprinkler system.

**Town Manager Davis** wished everyone a "Happy New Year".

**Mayor DuBois** invited everyone to come out to the art reception at Art on Park on Saturday from 6 p.m. to 8 p.m. She stated that she looked forward to sharing her work with everyone.

ADJOURNMENT

There being no further business to come before the Commission and after a motion to adjourn by Commissioner Rumsey and seconded by Vice-Mayor Osterman, and by unanimous vote, the meeting adjourned at 9:30 p.m.

  
\_\_\_\_\_  
Mayor Desca DuBois

  
\_\_\_\_\_  
Deputy Town Clerk, Jessica Shepherd, CMC



FLORIDA  
Approved on this 16 of February, 2011

Exhibit "A"

**Town of Lake Park  
Cost Study Analysis  
Town-wide Street Lighting  
RFP 101**

**Andrew J. Youngross  
Thompson Youngross Engineering  
Consultants**





# Required Services RFP

- LED lighting on concrete poles, underground in residential areas Overhead and Underground in Industrial
- Cost Estimates of both Regular LED lighting, Decorative LED lighting, FPL Supplemental Lighting.
- Determine which existing streets with lighting shall be maintained and/or supplemented with additional FP&L fixtures
- Options Between FPL owned and Additional FPL Lighting  
Town owned and maintained

# Estimated Costs

- Existing FPL Lighting:
- Current Annual cost: average \$62, 000 based on 340 light fixtures, 154 poles.

Cost includes usage, maintenance, repair/replacement

# Estimated Costs

- FPL Lighting: Above Ground Wiring
- New 150w HPS Fixtures 263, Concrete poles, wire and conduit

Fixture unit Cost:	\$	10.79	
Non-fuel Surcharge:	\$	1.63	
Conservation Surcharge:	\$	0.558	
Capacity Surcharge:	\$	0.89	
Environmental Surcharge:	\$	0.042	
Storm Surcharge:	\$	0.20	
Fuel Charge:	\$	2.46	
<u>263 poles only</u>	\$	<u>3.85</u>	
Total pole Cost	\$	20.42/pole/month	\$ 64,500/yr
Fixture Cost:			\$ 7500/yr
Replace 90 Fixtures (\$6.94 ea/pole/mo)			\$ 45,600/yr
Existing fixtures: 250			<u>\$ 45,600/yr</u>
Total:			\$117,600/yr
Add the commercial area:	\$	<u>12,300/yr</u>	
Total both areas:			\$129,900/yr

# Estimated Costs

- FPL Lighting: Below Ground Wiring
- New 150w HPS Fixtures 263, Concrete poles, wire and conduit

Fixture unit Cost:	\$	10.79	
Non-fuel Surcharge:	\$	1.63	
Conservation Surcharge:	\$	0.558	
Capacity Surcharge:	\$	0.89	
Environmental Surcharge:	\$	0.042	
Storm Surcharge:	\$	0.20	
Fuel Charge:	\$	2.46	
<u>Total Fixture Cost</u>	\$	16.57/pole/month	
Fixture Cost:			\$ 52,300/yr
Replace 90 Fixtures (\$6.94 ea/pole/mo)			\$ 7500/yr
<u>Existing fixtures: 250</u>			<u>\$ 45,600/yr</u>
<b>Total:</b>			<b>\$105,400/yr</b>
<u>Add the commercial area:</u>	\$	<u>12,300/yr</u>	
<b>Total both areas:</b>			<b>\$117,700/yr</b>

# Estimated Costs

- FPL Lighting Underground Wiring:  
Additional costs Associated with FPL underground Fixture installation

These costs are paid by the city as part of the monthly cost.

Wire:	\$0.0362/foot	
Estimated circuit length:	70,000'	
Estimated wire Cost:	\$ 30,400/yr	
Estimated Town Cost:		
Fixture cost:	\$117,700/mo	
Wire Cost:	\$30,400/mo	
Additional Monthly Cost:		\$148,100

# Estimated Costs

- **Town Owned Town wide LED Streetlight:**

Based on Cobra head light fixture, concrete pole, underground electrical wire.

The design is based on an average spacing based upon the light distribution of 5 different lighting manufacturers.

The design is based on IESNA roadway design guidelines for residential roads with pedestrians.

# Estimated Costs

- Town Owned LED Cobra Head Streetlight: Overhead wiring

Fixture cost:

LED cobra head fixture:	1000 @\$ 3500 *ea.	\$ 3.5 M
Additional poles		\$ 1.5 M
Acorn Fixtures		\$760,000
Wire Cost		\$ 300,000
FPL Removal Cost:		\$ 610,000
Bucket Truck		\$ 150,000
Electrical Service: (panel, meter, service)		\$ 150,000
Estimated cost to town:		\$6.97 M

Additional Cost Engineering design and project management:

Estimated on 3% construction cost: \$209,000

\* (includes fixture, pole, arm mast, handhole, installation)

# Estimated Costs

- Town Owned LED Cobra Head Streetlight: Underground wiring.

## Fixture cost:

LED cobra head fixture:	1000 @\$ 3500 *ea.	\$ 3.5 mil
FPL Removal Cost:	approx 170 fix @\$1900 ea.	\$ 323,000
Bucket Truck		\$ 150,000
Electrical Service: (panel, meter, service)		\$ 150,000
Electrical Distribution: (wire and conduit)		\$ 2.94 mil
Acorn Single Head:	102 @\$3700 ea.	\$ 380,000
Acorn Dbl Head:	71 @\$5400 ea.	\$ 380,000

## Estimated cost to town:

\$8.3 mil

## Additional Cost Engineering design and project management:

Estimated on 3% construction cost: \$249,000

\* (includes fixture, pole, arm mast, handhole, installation)

# Estimated Costs

- **Town Owned Residential LED Streetlight:**  
Based on Acorn Style decorative head light fixture, concrete decorative pole, underground electrical wire.

The design is based on an average spacing based upon the light distribution of 5 different lighting manufacturers.

The design is based on IESNA roadway design guidelines for residential roads with pedestrians.

# Estimated Costs

- Town Owned LED Acorn Head Streetlight:

Fixture cost:

LED Acorn single head fixture: 1050 @\$ 3700 *ea.	\$ 3.9 M
LED Acorn Dbl head fixture: 71 @\$5200 Ea	\$ 172,000
FPL Removal Cost:	\$ 610,000
Bucket Truck	\$ 150,000
Electrical Service: (panel, meter, service)	\$ 94,000
Electrical Distribution: (wire and conduit)	\$ 2.5 M
Estimated cost to town:	\$7.1 M

Additional Cost Engineering design and project management:

Estimated on 3% construction cost: \$213,000

\* (includes fixture, pole, arm mast, handhole, installation)

# Estimated Costs Per Household

Based on Estimated 2011 Taxable Values (Estimated 12% Loss of Value)

	415,838,112	395,050			
		FPL			
Construction Cost	1,000,000		LED Above Ground	7,200,000	LED Below Ground
Loan/Bond Required	1,030,000			8,600,000	7,320,000
Annual Debt Service	135,000			9,460,000	8,052,000
Millage Rate	0.34			775,000	660,000
				1.65	1.96
					1.67

Estimated Annual Cost per Household for Twenty Years\*

Tax. Value of Home					
50,000	17.09		82.27	98.09	83.53
75,000	25.63		123.40	147.13	125.30
100,000	34.17		164.54	196.18	167.07
125,000	42.72		205.67	245.22	208.83
150,000	51.26		246.80	294.27	250.60
175,000	59.80		287.94	343.31	292.37
200,000	68.35		329.07	392.36	334.13
250,000	85.43		411.34	490.44	417.67
300,000	102.52		493.61	588.53	501.20

# Estimated Operating Costs

Item Description	Annual Operating Budget Cost \$/Yr	Annual Operating Budget Cost \$/Yr
FPL Supplemental Lighting above ground wiring	\$129,930	\$129,930
FPL Supplemental Lighting below ground wiring	\$148,100	\$148,100
LED Cobrahead Town wide including the commercial area.	\$76,300*	\$142,300
LED Acorn Residential Area only	\$70,100*	\$136,100

\* This cost represents the operating cost without a Town Electrician (\$66,000)

# Photometrics

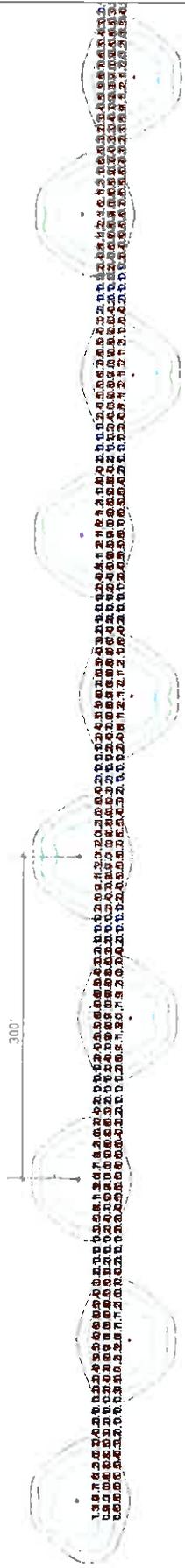


**LUMINAIRE SCHEDULE**

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LUF	Watts
	MH1	10	885-179MH-GL-DECK	Streetlights Series - Architectural Roadway	(1) Clear 175 MH EDCS	8850074LES	12000	0.72	180

**STATISTICS PSMH**

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
ROADWAY		0.016	1.016	0.116	16.011	6.01

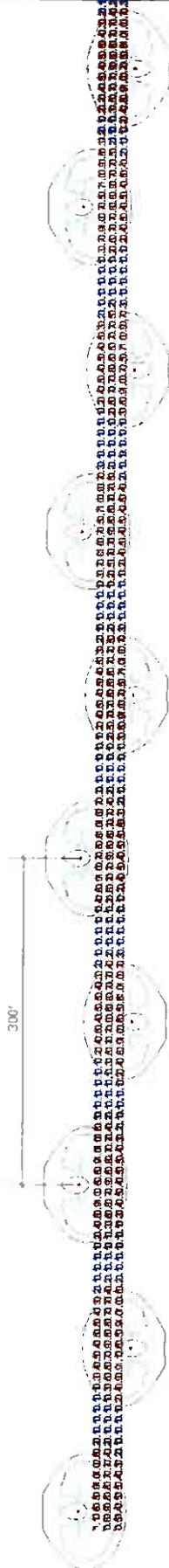


**LUMINAIRE SCHEDULE**

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Width
	HPS	15	805-100-HPS-CL- DISC3	Sevenside Series - Architectural Roadway	(1) Clear 150 HPS E803.5	80003212 S06 150 watt HPSIES	16000	0.61	171

**STATISTICS HPS ACORN**

Description	Symbol	Avg	Max	Min	Avg/Min
ROADWAY	+	0.6 fc	2.1 fc	0.1 fc	21.0:1
					0.0:1

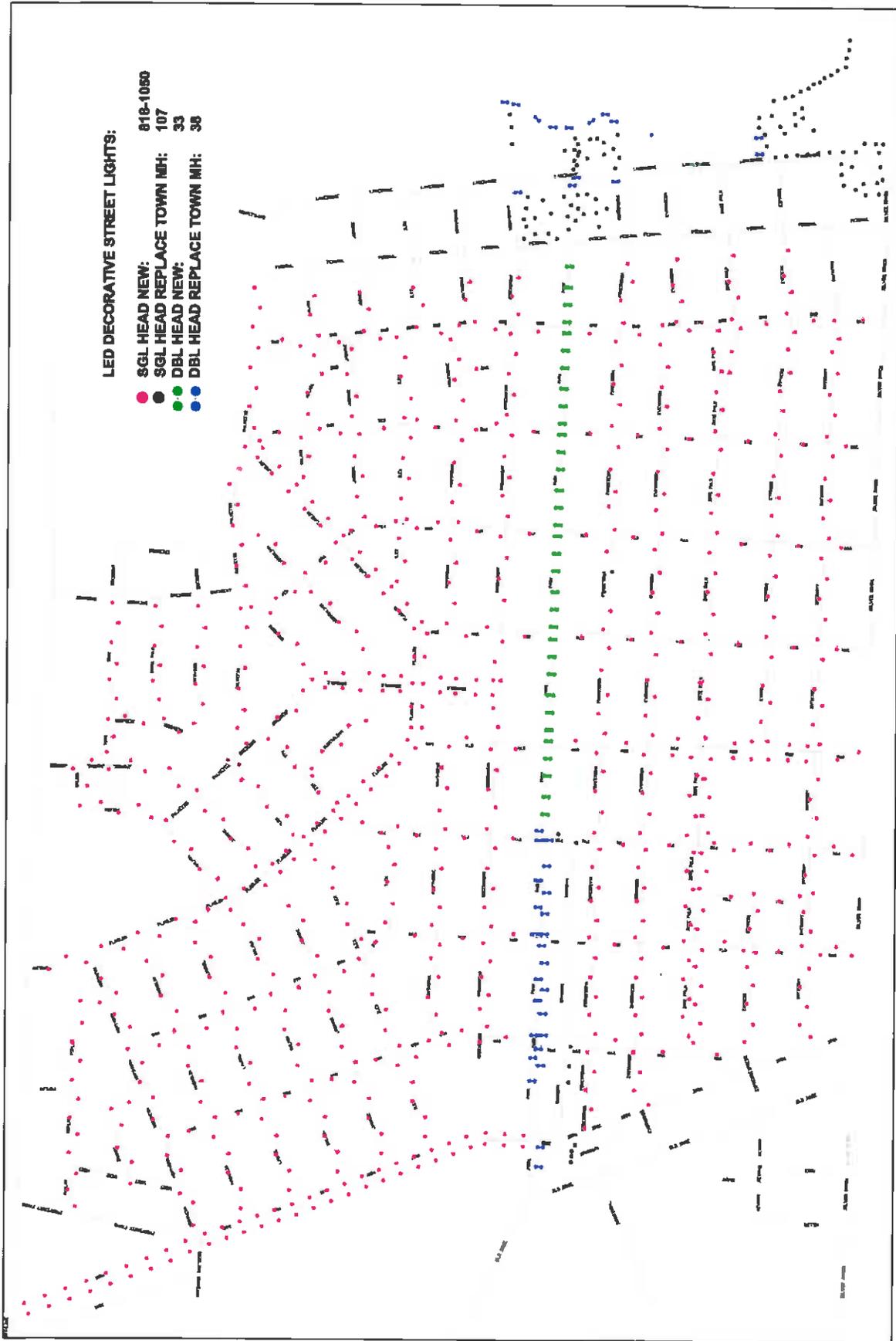


**LUMINAIRE SCHEDULE**

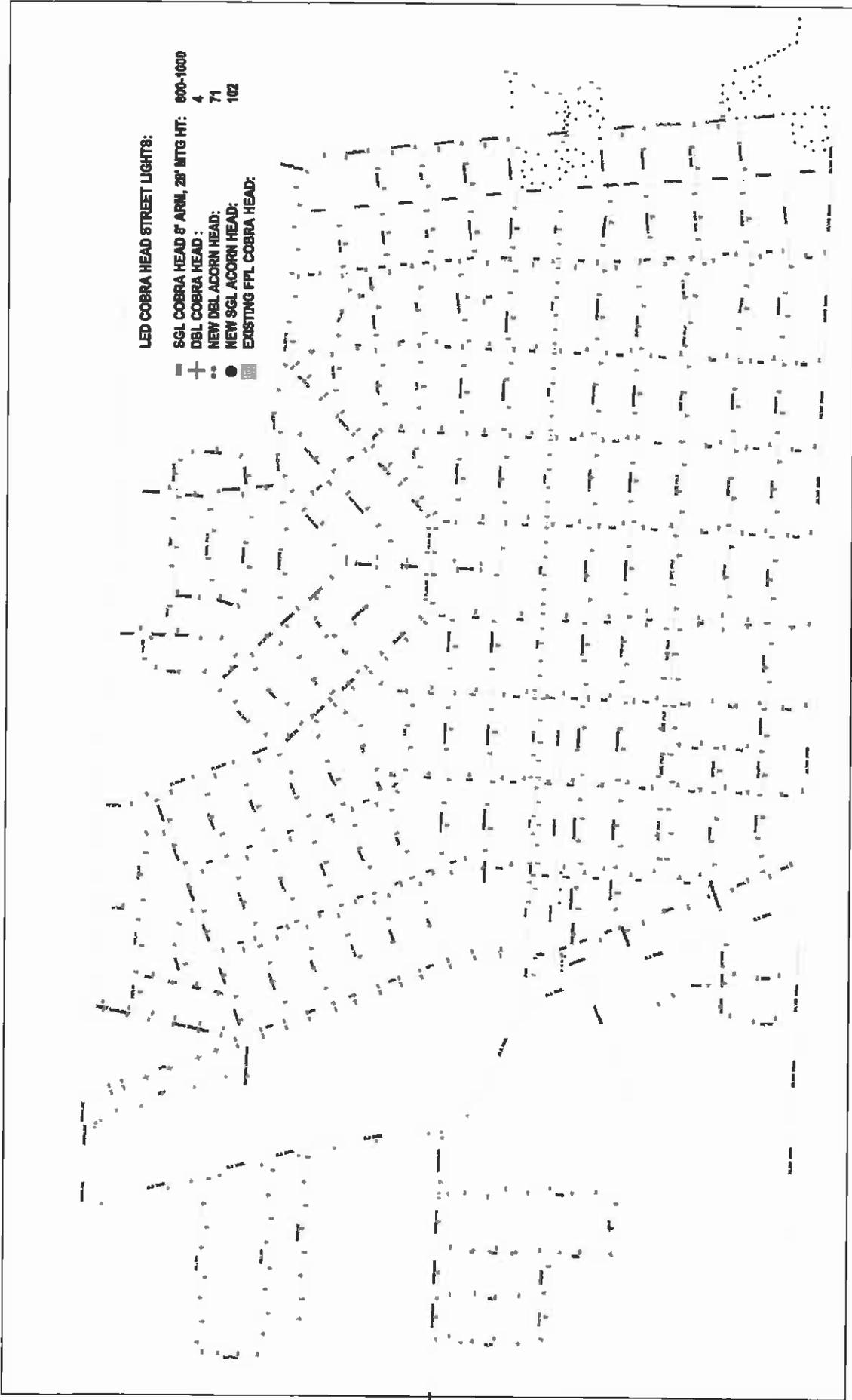
Symbol	Label	Qty	Catalog Number	Description	Lamp	Flux	Lumens	LLF	Watts
	HP6	15	SSE-009461EDMK- ACOR-LES-120- 97X-8KTX	Serenade Series	(48 Luminaire Tubes) White 90W SSL c/w HIGH PERFECTION TECH Driver LP1000-24-00-259 @ 120.00	50010081 B55 LED 4LJm	Absolutes	0.95	103.72

**STATISTICS LED ACORN**

Description	Symbol	Avg	Max	Min	Avg/Min
ROADWAY		0.4 ft	1.1 ft	0.1 ft	11.0:1



RESIDENTIAL DECORATIVE LIGHT FIXTURE LAYOUT

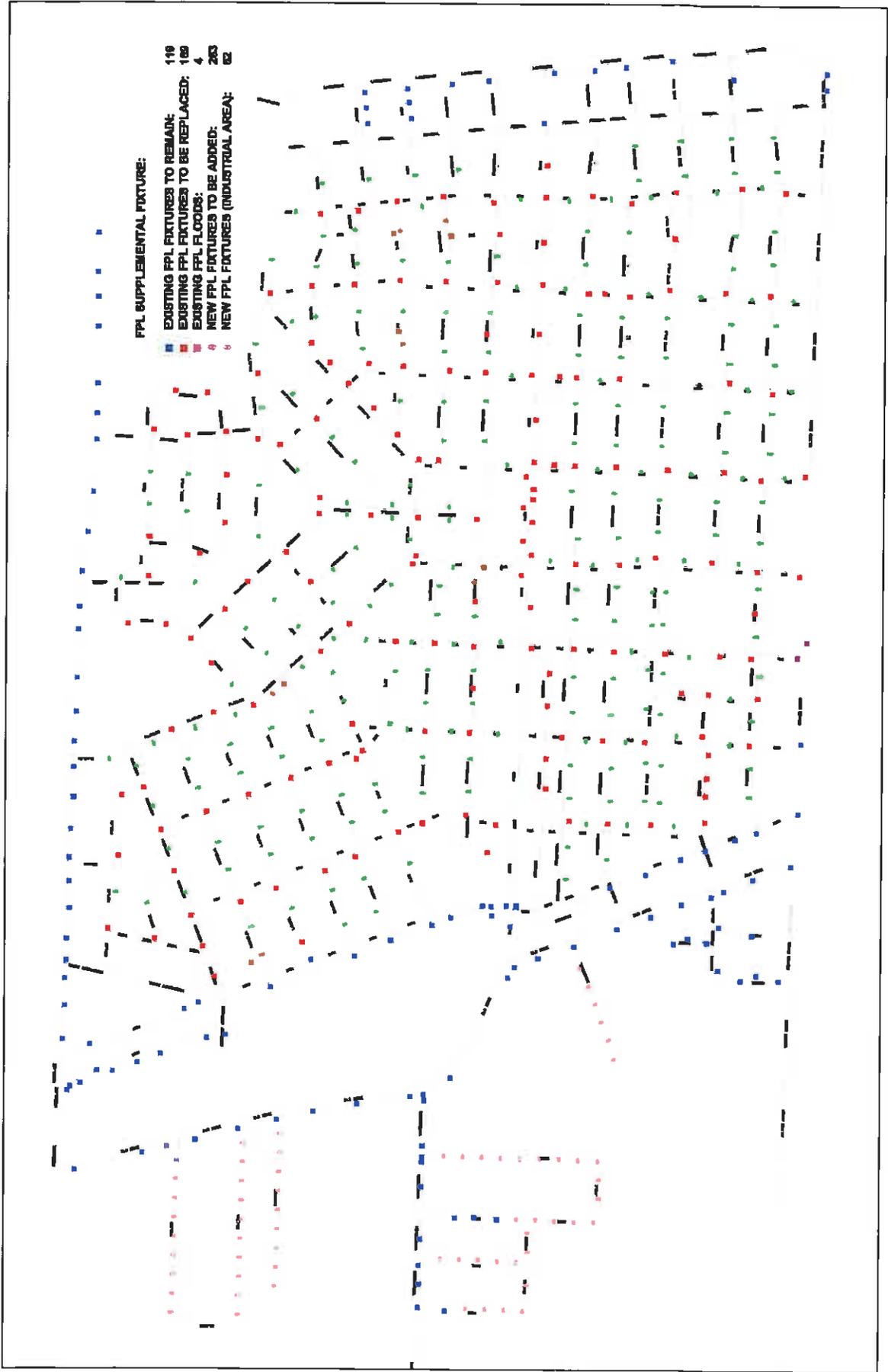


**LED COBRA HEAD STREET LIGHTS:**

- SGL COBRA HEAD 8' ARM, 28' MTG HT: 800-1000
- + DBL COBRA HEAD:
- NEW DBL ACORN HEAD: 71
- NEW SGL ACORN HEAD: 102
- ▣ EXISTING FPL COBRA HEAD:

LED COBRAHEAD STREET LIGHT FIXTURE LAYOUT





FPL SUPPLEMENTAL FIXTURE:  
 EXISTING FPL FIXTURES TO REMAIN: 119  
 EXISTING FPL FIXTURES TO BE REPLACED: 189  
 EXISTING FPL FIXTURES TO BE ADDED: 4  
 NEW FPL FIXTURES (INDUSTRIAL AREA): 263  
 NEW FPL FIXTURES (INDUSTRIAL AREA): 82



FPL SUPPLEMENTAL LIGHT FIXTURE LAYOUT



1/21/2011

A. Youngross, Principal



LED ACORN HEAD LAYOUT

A. Youngross, Principal

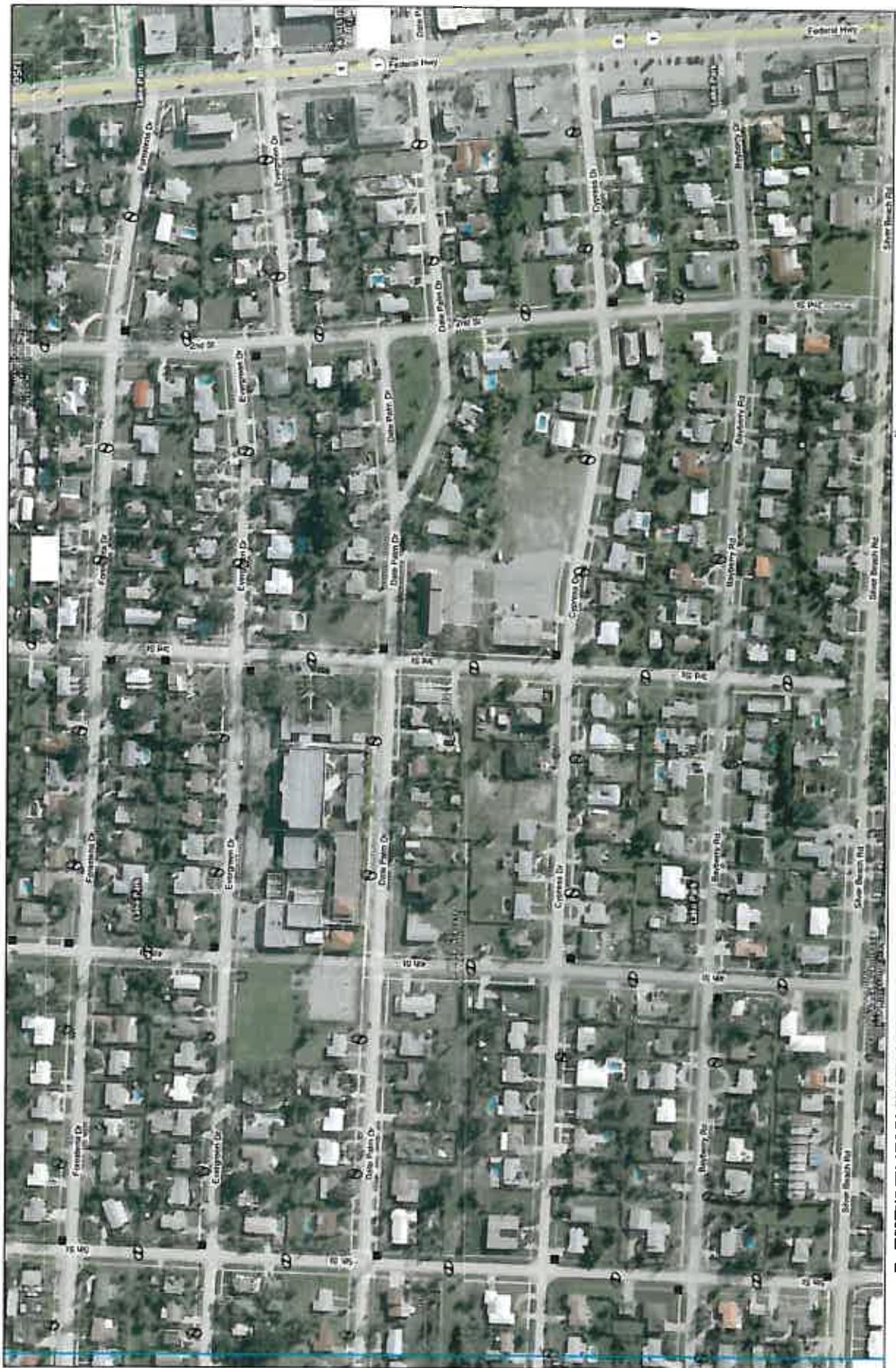
1/21/2011



LED COBRA HEAD LAYOUT

1/21/2011

A. Youngross, Principal

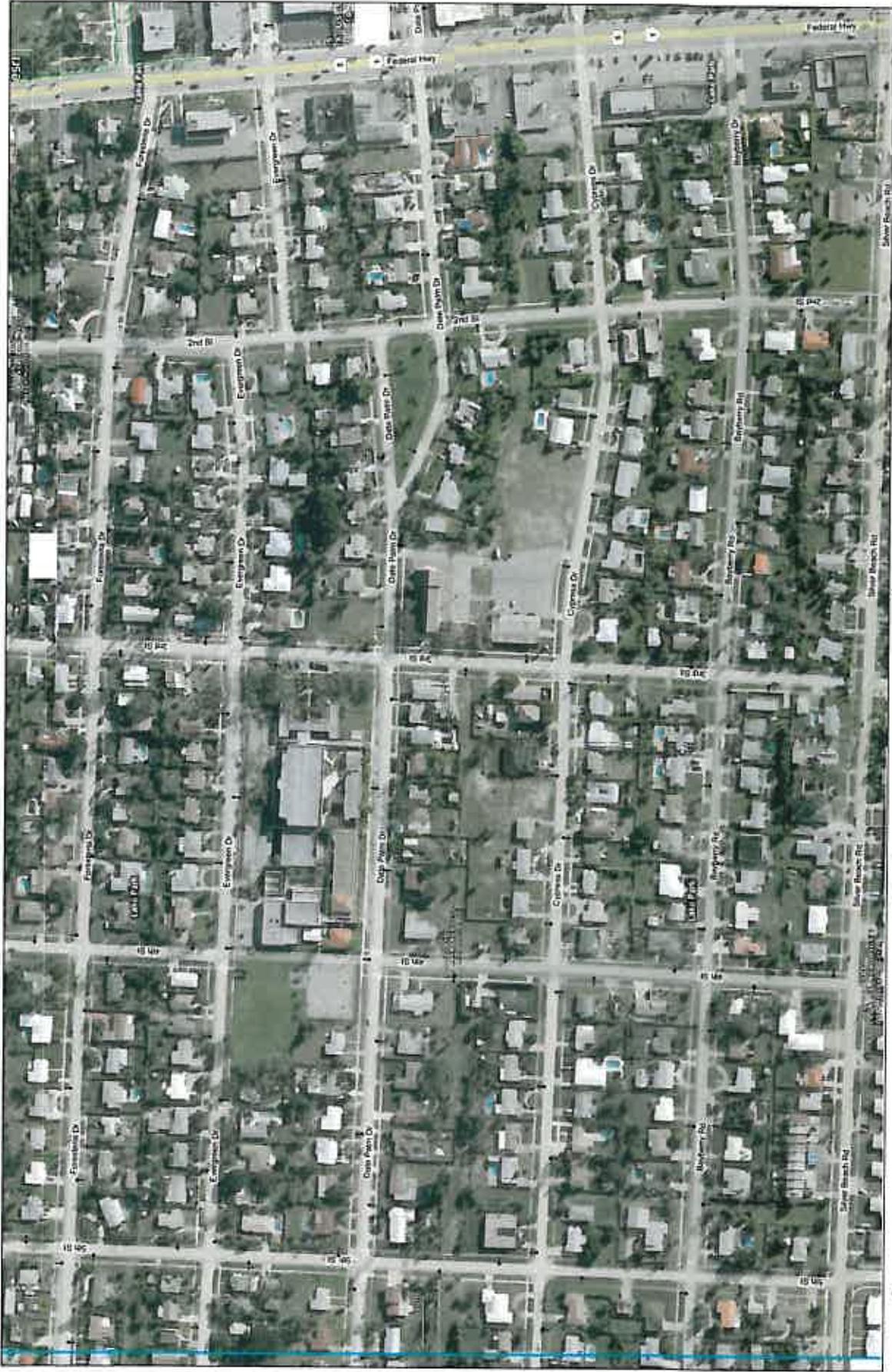


- EXISTING FPL HPS TO BE REPLACED
- NEW FPL HPS

HPS FPL SUPPLEMENTAL LAYOUT  
SCALE: 1" = 100'

1/21/2011

A. Youngross, Principal



1/21/2011

A. Youngross, Principal





# Existing FP&L Roadway Lighting



Bayberry Street LED Test Case Lighting

# LED Fixtures



LED Cobra  
Roadway Head  
Leotek Lighting



LED Traditional Acorn  
Roadway Head  
Lumec Lighting  
A. Youngross, Principal



LED Tear Drop Acorn  
Roadway Head  
Lumec Lighting

# Existing FP&L Roadway Lighting



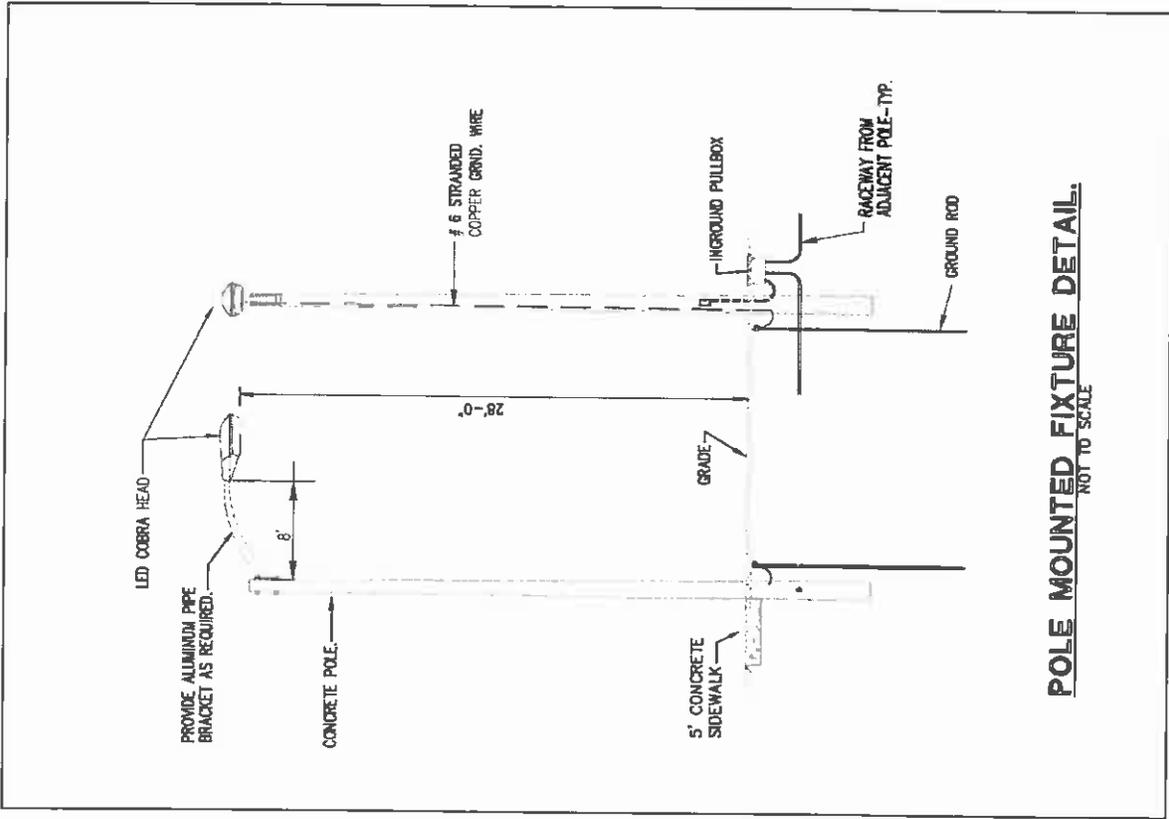
Old Dixie Hwy

1/21/2011

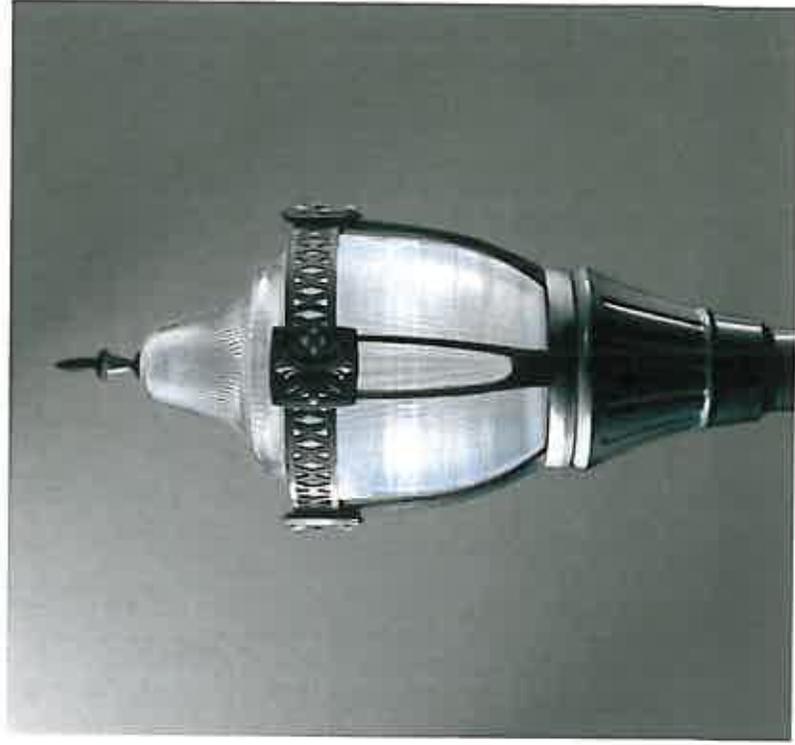
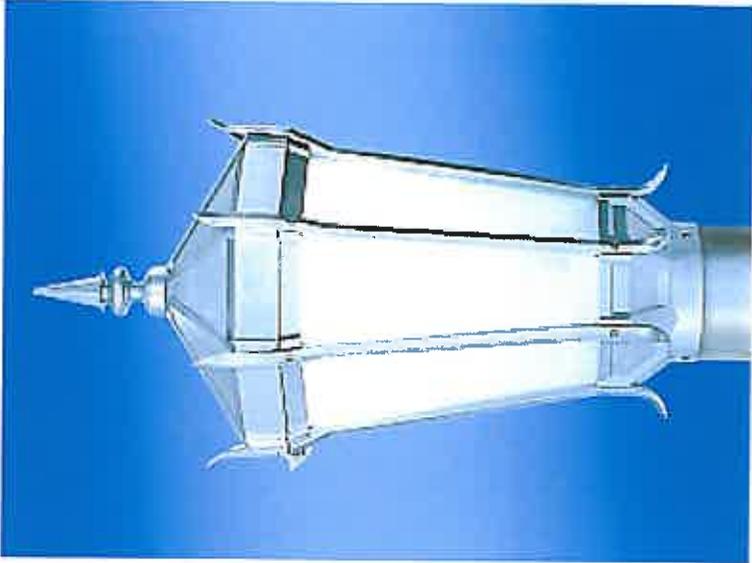


2<sup>nd</sup> St & Date Palm

A. Youngross, Principal

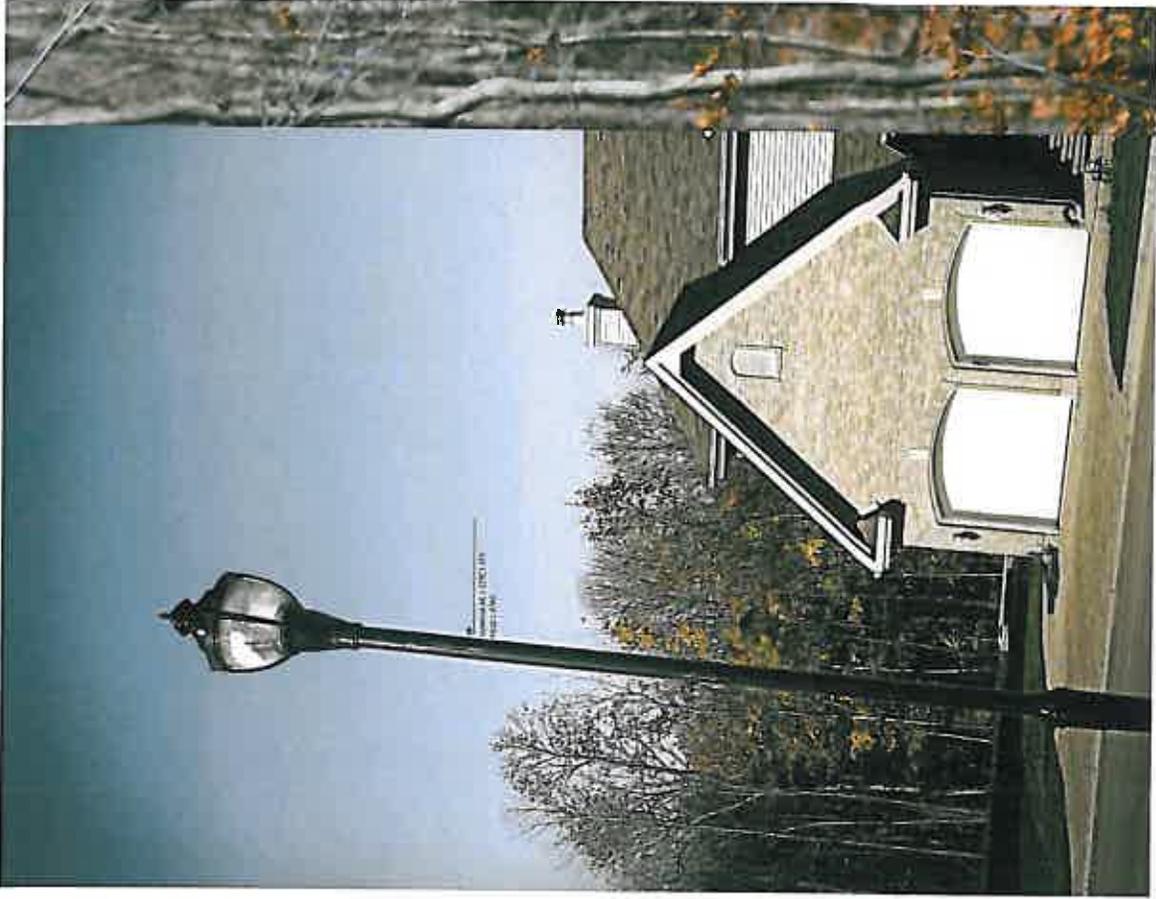


**POLE MOUNTED FIXTURE DETAIL**  
NOT TO SCALE



1/21/2011

A. Youngross, Principal



1/21/2011

A. Youngross, Principal



1/21/2011

A. Youngross, Principal



**LUMARK**

**Sustainable Design**

**RL LED Cobrahead**  
Roadway/Site Luminaires

**COOPER** Lighting

1/21/2011

A. Youngross, Principal

# Conclusion

## Question and Answer Period