

September 21, 2016

The Business Meeting of Lansdale Borough Council was held on Wednesday, September 21, 2016 in the Council Chambers, 1 Vine Street, Lansdale, PA and called to order at 7:04 pm by Council President Denton Burnell.

ROLL CALL:

- (X) Councilman Angelichio
- (X) President Burnell
- (X) Councilwoman Hawkins Charlton
- (X) Councilman DiGregorio
- (X) Vice President Fuller
- (X) Councilman Hansen – arrived at 7:20pm
- (X) Councilman Malagari
- (X) Councilman VanDame
- (X) Councilman Work
- (X) Mayor Szekely

Borough Representatives:

Borough Manager, Jake Ziegler
Interim Finance Director, John Crawford
Asst. Borough Manager, John Ernst
Parks & Rec. Director, Carl Saldutti
Electric Superintendent, Andy Krauss
Public Works, Rick DeLong
WWTP Superintendent, Dan Shinskie

Borough Solicitor, Sean Kilkenny
Borough Engineer, Christopher Fazio
Lieutenant Alex Kromdyk
Library Director, Tom Meyer
IT/GIS Coordinator, Bryan Poster
Cust. Svc/Records Mgr., Pat Chapman

Residents:

Bob Willi – 711 W. Fourth Street
Rose Chapman – 316 W. Mt. Vernon Street
Bill Henning – 201 S. Line Street
Bill Allen – W. Mt. Vernon Street
Nancy Frei – Cypress Street
Bruce Schwartz – 59 Oak Drive

Agenda Item #5 – President's Comments

President Burnell – An Executive Session will be held after the conclusion of the meeting for a matter of real estate related to 311 N. Broad Street. There will be no action tonight related to this matter. He also recognized Chief Robert McDyre and Sergeant Dean Miller for thirty years of service to the Lansdale Police Department.

Agenda Item #6 – Presentations:

- 1) **Eagle Scout Proclamation** – Nathaniel Maier
 - Nathaniel's project consisted of researching the two cannons in Memorial Park along with how and why they were placed in the park.
 - He selected, mounted and installed the plaques as well as raised funds to fabricate the stands and plaques.
 - Many people have asked about these cannons and now there will be information available for all residents and visitors to enjoy.

- 2) **North Penn Commons (NPC)**– Suzan Neiger Gould, Executive Director of Manna on Main Street.

- NPC is a cooperative and collaborative organization between the public and the private sector featuring four local social service organizations. NPC organizations include: Manna on Main Street, Lansdale YMCA, Advanced Living Communities and The PEAK Center. These organizations serve a diverse population from babies to seniors of all socioeconomic groups.
- This is a \$28 million project and is unique because they received \$11 million in affordable housing tax credits. They received an award as the only collaborative effort of this magnitude with the above-mentioned parties in Pennsylvania.
- They received a \$1.5 million RACP grant that is administered through the Borough. They have funding from the County and internal partners as well. They also have a capital campaign "One Four All" which raised \$4.5 million to date and they are asking the Borough to contribute in the amount of \$150,000. They have \$500,000 in outstanding requests that they hope they can bring in.
- If the \$5 million is achieved, Manna and The Peak Center will be able to move in without long-term debt.
- They hope the Borough will consider contributing \$150,000. They feel the Borough has been so supportive of this project during construction and hope that the Borough can contribute financially as well.

3) **Johnson Controls** – Tim Geiger (*The presentation is attached to the end of the minutes*)

- This part of the meeting was not recorded due to microphone issues.
- There is a resolution on tonight's agenda to accept the investment grade audit to continue to move forward with the LED Streetlight Project.

Councilman Hansen – About 4 or 5 years ago we did the streetscape project on West Main Street. Are we going to keep the lights that are there or are we going to retrofit them as well?

Mr. Krauss – We are going to keep those lights. We are requesting the same type of fixture on Broad Street, Main and Mitchell Avenue, Main and Cannon Avenue to match the other ones on Main Street. Any lights that we have already changed to LED will not be done as part of this project, only certain lights will be retrofitted as needed.

Agenda Item #7 – Petitions

None

Agenda Item #8 – Residents to be heard on any item

Mr. Willi of 711 W. Fourth Street – If you don't get back what you expect on the trash bids will Council think about forgetting the whole single hauler trash idea or revisit it?

Councilman Van Dame – We are only voting on to putting out bids to see what numbers come in. This vote is not making any kind of decision regarding single hauler trash. We can't make a decision without putting bids out. We have been working with estimates and receiving bids will give us solid numbers to use moving forward.

President Burnell – Once we get solid numbers we will discuss publicly and see where we want to go from there.

Councilman Angelichio – This gives us the opportunity to use concrete numbers so we aren't speculating what the costs would be.

Ms. Chapman of 316 W. Mt. Vernon St. – Single trash hauler has been talked about in the Borough for many years. She does not appreciate the Borough telling her who her trash hauler should be. If you are going to do single hauler, residents should have the option to purchase bags and only pay per bag for those that produce less trash. She resents the fact that she would have to pay as much as someone that has a lot of trash and she only has a half a bag a week. She also doesn't like being told that we are locked into electric, sewer, taxes and she really doesn't like being told that we are locked into a trash hauler.

Mr. Henning of 201 S. Line St. – Thank you to those that came out the Cruise Night and food drive for Manna. It was a huge success. The donation of food to Manna was over 1,300 lbs. and the cash proceeds after expenses was \$1,000. Thank you to all those that volunteered and assisted with this event.

Agenda Item #9 – Action Items

Councilman Van Dame presented Motion A and read as follows:

I move that Borough Council approve the Treasurer's Report for the month of August, which shows the expenditures listed on the attachment.

Motion seconded by Vice President Fuller and unanimously approved.

Councilman Van Dame presented Motion B and read as follows:

I move that Borough Council approve the bills \$1,000.00 and over as per the attachment.

Councilman Hansen – Spiezele Architect bills are still included, why?

Mr. Ernst – There are punchlist items that we are still working out which creates a bill for Spiezele.

Councilman Hansen – He saw a payment to Discover Lansdale for \$50,000. He likes everything that they do and don't take him wrong by his asking. When will they be doing a presentation to Council?

President Burnell – Richard Strahm, Discover Lansdale's Treasurer, will be giving the presentation in the next couple of months. He is also asking the Historical Society and Fire Department to do a financial presentation to Council as they receive money from the Borough. The library gives us this information on a regular basis.

Motion seconded by Councilwoman Hawkins Charlton and unanimously approved.

Councilman Van Dame presented Motion C and read as follows:

I move that Borough Council approve the following meeting minutes:

Work Session: August 3, 2016

Business Meeting: August 17, 2016

Motion seconded by Councilwoman Hawkins Charlton and approved 8-0 with Vice President Fuller recusing herself since she was not at the August Business meeting.

Councilman Van Dame presented Motion D and read as follows:

I move that Borough Council authorize the Borough Manager to accept the attached quote from AVT in the amount of \$26,592.00 for the purchase and installation of video equipment for the purpose of recording meetings and to provide training to Borough staff for said equipment.

Councilman DiGregorio – Would this help with the microphones on the podiums? It seems like our meetings keep getting interrupted because of those microphones.

President Burnell – Cameras will be put in various locations in the room and will be integrated with the audio equipment we already have. This is for video equipment only.

Councilman Work – Why are we really videotaping these meetings? What TV station would these meetings be on?

President Burnell – We have a public access channel that we are given by Comcast and Verizon. These channels will also be used for other Borough things such as emergencies, events, etc.

Councilman Work – Is this a need or a want? We have infrastructure that desperately needs to be fixed or replaced. Why are we spending this money?

President Burnell – We received a non-binding grant from Comcast for this equipment to offset the cost of this equipment. We have the money for it and it is not coming out of our funds. We have been talking about this since before I started on Council on how to be transparent and give access to our residents.

Councilman Work – So the equipment is paid for but what other costs will we have?

President Burnell – Other costs are in-kind costs for staff. Tracy, Bryan and Ross will all be cross trained to work the equipment so their time while they are here at work.

Councilwoman Hawkins Charlton – She is super excited for this and we are not taking any money out of our pockets for it. As I walk around town there are so many people who aren't at the meetings that can be informed that can't make the meetings.

Vice President Fuller – She is glad that this project is funded because it does straddle the want vs. need and she hopes that people will take advantage of it.

Councilman Van Dame – How is it going on getting the TV channels?

Mr. Poster – Comcast was here two weeks ago to set up and Verizon was here a week ago. Within a month we should be up and running.

Councilman Hansen – He always thought our meetings should be televised. We have the same people attending our meetings which is great and we only pack a room if there is something controversial going on. We have constituents who want to know what is going on but don't have time to attend. This gives the general public an opportunity to see what goes on here.

Vice President Fuller – How will this work? I am assuming it is not live and will be shown a few times during the week.

Ms. Flynn – We will have the capabilities of the meetings to be live but we will not start out that way. They will be recorded and we will set a schedule to not only show the meetings but other Borough happenings like fireworks or a historical society presentation, etc.

Councilman DiGregorio – Andy, with the new fiber will we have the capability to televise something from the Parks & Rec. building?

Mr. Krauss – He doesn't know. It would be something to look into.

Councilman Malagari – This will improve transparency for our Borough.

Councilman Angelichio – In the spirit of transparency would anyone object to having the motion change to "being funded through a grant by Comcast".

All of Council agreed.

Mr. Allen – Is this being funded through a grant specific for this project or are the funds we received irrelevant regarding anything to do with this project? We got money from Comcast and if we don't use that money for this do we have to give them the money back?

President Burnell – No.

Mr. Allen – So it is not a grant so much as it is money back from Comcast's franchise agreement that we all pay for in our bill. It is not free money to the Borough. We could take this money to fill potholes. Let's not give the wrong impression that Comcast is paying for this. If we did nothing we would still have this money to use somewhere else.

Ms. Frei of Cypress Street – You are assuming that everyone has cable. What about the people who do not have cable? Some also do not have access to the internet either.

President Burnell – The videos that we will be doing can be seen on the website as well. He understands that some people can't afford internet or cable but he can't solve this for everyone.

Mr. Schwartz of 59 Oak Drive – To make it clear there are franchise fees that are paid by Comcast and there is corporate money that is donated with the intention, not stipulated on how that money is spent.

President Burnell – That is correct.

Vice President Fuller – We have the money in our account now?

President Burnell – Yes.

Roll Call Vote:

Mary Fuller – yes

Steven Malagari – yes

Jason Van Dame – yes

Tom Work – no

Rich DiGregorio, Jr. – yes

Jack Hansen – yes

Leon Angelichio – yes

Denton Burnell – yes

Carrie Hawkins Charlton - yes

Motion seconded by Councilwoman Hawkins Charlton and approved 8-1 with Councilman Work voting no.

Councilman Van Dame presented Motion E and read as follows:

I move that Borough Council adopt attached Resolution 16-27 approving the sale, by electronic auction of various items of Borough personal property.

Motion seconded by Vice President Fuller and unanimously approved.

Councilman Van Dame presented Motion F and read as follows:

I move that Borough Council authorize the Borough Manager to prepare and advertise bid specifications for single trash hauler for residential service in the Borough and municipal solid waste from various municipal facilities specifications are to include multiple options for a number of pick-ups per week, route designation and ancillary services.

Councilman Hansen – He understands that this is to advertise. Are we going to put any specifications in that we want? Specifically, that the bidder is to include totes with wheels and lids on them?

Councilman Van Dame – I am sure that we will specify totes to have wheels and lids. It is his understanding that we will have to approve the bid package before it goes out.

Mr. Kilkenny – This is the first step to authorize my office to work with Jake and Chris Fazio to develop the bid specifications. Chris and I have worked with several municipalities on single hauler trash. This will be a general bid with options and we will see how this comes back.

Councilman Hansen – An elderly resident elderly him stating that she can't physically carry a trash can and wanted one on wheels and needed a lid so no rain or snow can get in it. He has always opposed single hauler trash and residents should have the choice of their trash hauler.

Vice President Fuller – She is happy to see this motion as she is still undecided on this and what is in the best interest of our residents. This could give us a good baseline to work with to make a decision.

Councilwoman Hawkins Charlton – Will the price be negotiable at all?

Mr. Kilkenny – No. It is a public bid. If we don't like what comes back we can change the bid specifications and put it out again.

Councilman Angelichio – We would have the ability to reject any and all bids correct?

Mr. Kilkenny – Yes.

Roll Call Vote:

Mary Fuller – yes

Steven Malagari – yes

Jason Van Dame – yes

Tom Work – yes

Rich DiGregorio, Jr. – yes

Jack Hansen – no

Leon Angelichio – yes

Denton Burnell – yes

Carrie Hawkins Charlton - yes

Motion seconded by Councilwoman Hawkins Charlton and approved 8-1 with Councilman Hansen voting no.

Councilman DiGregorio presented Motion G and read as follows:

I move that Borough Council adopt attached Resolution 16-26 accepting the Investment Grade Audit Report from Johnson Controls, Inc. and to proceed with the Delaware Valley Regional Planning Commissions' Street Light Procurement Program.

Councilman Hansen – He thinks this is great for the Borough and having all the same lights will make us look like the quaint town that we are.

Councilwoman Hawkins Charlton – She is excited about the green energy and the savings that go along with it.

Motion seconded by Vice President Fuller and unanimously approved.

Councilman DiGregorio presented Motion H and read as follows:

I move that Borough Council authorize the Borough Manager to purchase fiber optic material in the amount of \$30,362.16 from Graybar, Inc., a US Committees vetted company. This project will be funded from the Capital Reserve Fund.

Motion seconded by Councilwoman Hawkins Charlton and unanimously approved.

Vice President Fuller presented Motion I and read as follows:

I move that Borough Council authorize the Borough Manager to prepare and advertise bid specifications for the renovations to the Memorial Park Weaver Field Grandstand. This project will be funded through the Capital Reserves Fund.

Motion seconded by Councilman Malagari and unanimously approved.

Vice President Fuller presented Motion J and read as follows:

I move that Borough Council authorize the Borough Manager to prepare and advertise bid specifications for the section of the Liberty Bell Trail that will be funded through DVRPC's Regional Trails Grant Program.

Motion seconded by Councilman Van Dame and unanimously approved.

Vice President Fuller presented Motion K and read as follows:

I move that Borough Council authorize the use of White's Road Park for the 8th Annual Oktoberfest Celebration on Saturday October 15, 2016 from 8:00am to 6:00pm. This event will be sponsored by the Lansdale Public Library and is contingent upon the Library obtaining a temporary liquor license from the Pennsylvania Liquor Control Board and upon the Borough's receipt and approval of required Certificate of Insurance. In addition, Borough Council authorize the use of White's Road Park for the Firkin 5K race sponsored by the PennSuburban Chamber of Commerce and the Variety the Children's Charity of Philadelphia.

Motion seconded by Councilman DiGregorio and unanimously approved.

Councilman Work presented Motion L and read as follows:

I move that Borough Council authorize the Borough Solicitor to prepare and the Borough Manager to advertise an Ordinance, amending Chapter 114 of the Borough Code, to create no parking on the west side of North Mitchell Street from Main Street to Mill Street.

Councilman Angelichio – How did this action come about?

Councilman Work – It was brought to our attention by several residents reporting safety issues at that intersection because of cars parking on that side.

Councilman Hansen – We are only talking about two parking spots. The street is narrow and this will make it that two vehicles can traverse on the road at the same time.

Motion seconded by Vice President Fuller and unanimously approved.

Councilman Malagari presented Motion M and read as follows:

I move that Borough Council award the contract for the rental of snow plowing equipment with operators to P.K. Moyer & Sons, Inc., the lowest responsible bidder.

Motion seconded by Councilman Angelichio and unanimously approved.

Councilman Malagari presented Motion N and read as follows:

I move that Borough Council approve Change Order #4 in the amount of \$7,684.37 (addition) for the Reconstruction of Perkiomen Avenue per the recommendation of Remington, Vernick & Beach, engineering consultants for this project.

Motion seconded by Councilman Angelichio and unanimously approved.

Councilman Malagari presented Motion O and read as follows:

I move that Borough Council authorize Payment #5 (Final) in the amount of \$204,278.64 to Bencardino Excavation for work completed on the Reconstruction of Perkiomen Avenue per the recommendation of Remington, Vernick & Beach, engineering consultants for this project. This project was funded through the Capital Reserves Fund.

Motion seconded by Councilwoman Hawkins Charlton and unanimously approved.

Item #10 – Information Items

Mayor's Report: Mayor Szekely

1. Spoke to Scout Troop 414 out of St. Stan's about civics and local government on Friday.
2. Attended Trinity Lutheran Church's 9/11 Remembrance Ceremony at which they donated a patrol bike to the Lansdale Police Department.
3. Attended the North Penn Mosque's Community Day.
4. Cut the ribbon on Cruise Night.
5. Participated in the move for Manna to their new space in the North Penn Commons.
6. Attended the viewing for retired police officer and detective Mike McCarthy.

Solicitor's Report: Sean Kilkenny

1. Assisted with Municibid items and Right to Know Requests.
2. Worked with Rick DeLong on no parking by order of the Fire Marshall issue.
3. Assisted with the development and financial security for 123 Chestnut Street agreements.
4. Advised Council and Mr. Ziegler and Mr. Ernst on ongoing litigation.

5. Received correspondence from Councilman Van Dame bringing attention to an email dated September 19 at 2:45pm regarding North Penn Commons donation. This came together at the last minute and all of Council and relevant staff were cc:d on it. Councilman Hansen thought he would be late but wanted Council to know that he would be in favor of this contribution via email and Councilman Van Dame asked if this response violated the Sunshine Law and technically it could. He asked how to cure this issue and it is of his opinion to talk about this at a public meeting so the email does not violate the Sunshine Law Act.

Councilman Hansen – He responded only. He did not poll Council. He didn't believe he violated the Sunshine Law and this is a grey area.

Vice President Fuller – She doesn't believe that Councilman Hansen's response was an intentional violation of the law. If a Council member can't make a meeting we should express our opinion to the current Council President so that he or she is able to express their opinion on their behalf.

Borough Manager's Report: Jake Ziegler

1. Congratulations to Chief Robert McDyre and Sergeant Dean Miller for their thirty years of service. He has been here their entire tenure and has always had a great working relationship with both of them.
2. The Electric Department is looking to refresh the list of candidates for the Borough's Christmas tree for the tree lighting. If anyone has a tree that we could use, please contact Andy Krauss to look at the tree. We are looking for a full evergreen trees about 25-30 feet tall.

Comments for the good of Council:

Councilwoman Hawkins Charlton – Had the first session Civics 101 at the Police Department. There were thirteen people there, six people we have never met before.

Councilman Angelichio – Attended the North Penn Mosque Community Day. It was a fantastic day and well attended. Also attended the Egyptian Church community day on Unionville Pike. It is a beautiful church and they are giving tours of the church if anyone is interested. School has started so be aware of school buses on the road.

Vice President Fuller – What a great feeling it was to be a part of the Manna on the Move human chain event to move food from the old to new location. The next First Friday is October 7 and it is Chili Cook Off night. The Firkin 5K and Oktoberfest is Saturday, October 15.

Agenda Item #11 – Old Business

Councilman Hansen – At our last business meeting Councilman Work asked if Council would be voting on the firm that would work on hiring a new Finance Director. Are we not voting on that now?

President Burnell – I don't remember if I said if we were going to vote on the firm. We voted that night specifically for John Crawford's Interim Finance Director contract. As Borough Manager, Mr. Ziegler has the authority to select and enter into an agreement with that firm to assist in the Finance and Human Resources Directors search.

Agenda Item #12 New Business

President Burnell – The North Penn Commons is requesting a donation of \$150,000 for their capital campaign. Mr. Mayor brought this to our attention and he can give us his thoughts on this.

Mayor Szekely – Gave a history on his involvement in assisting with the YMCA's capital campaign which cause animosity with the PEAK Center. In meeting with Russell Johnson of the North Penn Community Health Foundation there was discussion about how these groups could combine forces to have one location for all these groups and pull all of their donations together. The Borough got the East Main St. Streetscape project in part because of the North Penn Commons project because it is the gateway from the east side of town into the Borough. He is on the campaign advisory board and he feels the Borough should contribute something to this project. This would be a one-time contribution and would not be something we would contribute to every year. We really should give and now with it being budget season, it is a good time to consider this.

President Burnell – We could fund the \$150,000 in portions and not all at one time. We are working on the budget now and we need to talk about this now before the draft budget is completed. He asked Jake and John Crawford to look at the budget and we are ahead on EIT for 2016 and without significantly impacting the budget, we could make a \$25,000 contribution in 2016. He would recommend looking into making a subsequent donation in the next calendar year assuming that our budget can handle that.

Vice President Fuller – Are you saying that it should be discussed at Admin & Finance for the \$125,000 for next year's budget? She thinks that we should be investing in our community. Organizations from outside Pennsylvania are donating so we should give to our own community. We wouldn't have the streetscape grant without this project.

President Burnell – He thinks that is the process we should be looking at taking.

Mayor Szekely – He would like to see Council commit in a motion the full \$150,000 with the clause of within five years if we couldn't give the balance in 2017.

President Burnell – There has been issues in the past about committing future Councils to money they didn't approve to spend.

Mr. Kilkenny – You can't bind future Councils. You can make a recommendation, but you can't bind them to contribute that money.

Councilman Hansen – He agrees with everything that has been said here aboutnng show our commitment to our community. This is a unique project that others are looking at from around the country and we should commit the money.

Councilwoman Hawkins Charlton – Has the Borough donated time or engineering costs to this project already?

Mr. Ziegler – We have obviously invested time on this project and there has been small involvement with our engineers, but that is on the streetscape aspect, not NPC specifically.

Mr. Ernst – RVB was involved with both vertical inspection and land development. All the fees you saw in the bills over \$1000 are paid by the Borough but then paid back to the Borough through escrow and building permit fees.

Councilwoman Hawkins Charlton – Are there any other municipalities that have donated money so far? Do we have to do \$150,000? She feels a little rushed since they only received and email today about this. This project has been worked on for months. Why is this just coming up now? They could have asked sooner. These are great organizations but we were just talking about where Borough money is donated and she feels it is more of a residential

thing. Some people may want to donate to Manna and others may want to donate to the fire department. She is not ready to make a decision on this tonight.

President Burnell – No, we don't. We could do less or more.

Councilman Hansen – We are a government entity and most government entities do award grants that are for big projects in their town. This project got \$1.5 million from the State so I think that is a great step forward. We as the Borough have the ability to award a grant for this project.

Councilman Van Dame – This is a great project and is in support contributing money to this project, but he is concerned about transparency as this came up this week and we are looking to vote on this during new business tonight. Why not wait until the October meeting? He still has questions and residents should have their voices heard. What do we lose if we wait?

Ms. Gould – She thinks it would be appropriate to wait until October and just hearing the level of support for this project shows an indication of the Borough's pledge so NPC would include the Borough in the grand opening and VIP reception. She appreciates what is being discussed here and as being a part of a non-profit she understands about not being rushed into a decision.

Vice President Fuller – She herself is so involved in it and has been for a long time that she forgets sometimes that not everyone has been so involved for so long.

Councilman Malagari – He supports the project. Thank you Suzan for letting us extend our timeline and we should let our residents respond as well.

Councilman Angelichio – He is fully in favor as well. His question is what do we donate to our other non-profits per year?

Vice President Fuller – We donate approximately \$365,000 to the library, \$185,000 to the Fire Company, \$40,000 to the Historical Society and \$50,000 to Discover Lansdale.

Councilman Angelichio – It fits into our area of donations.

President Burnell – He agrees. This would be a one-time donation as the others are every year.

Councilman DiGregorio – He loves this project. We need to figure out how we can help you guys out.

Meeting adjourned at 9:08pm.

RSLPP Investment Grade Audit

Lansdale Borough

Smart, Sustainable, Green



Agenda

1. Project highlights
2. Field Audit results
3. Prescriptive design
4. Photometrics
5. Final design
6. Product Selection
7. Energy Saving summary
8. Final Project Analysis

Project Highlights

Project Pros

- Bulk purchasing (material)
- Good mixture ratio of Cobra head vs Decorative Fixtures
- Electric rates advantageous to an LED retrofit
- Strong oversight by RSLPP
- Knowledgeable municipal electric department

Project Cons

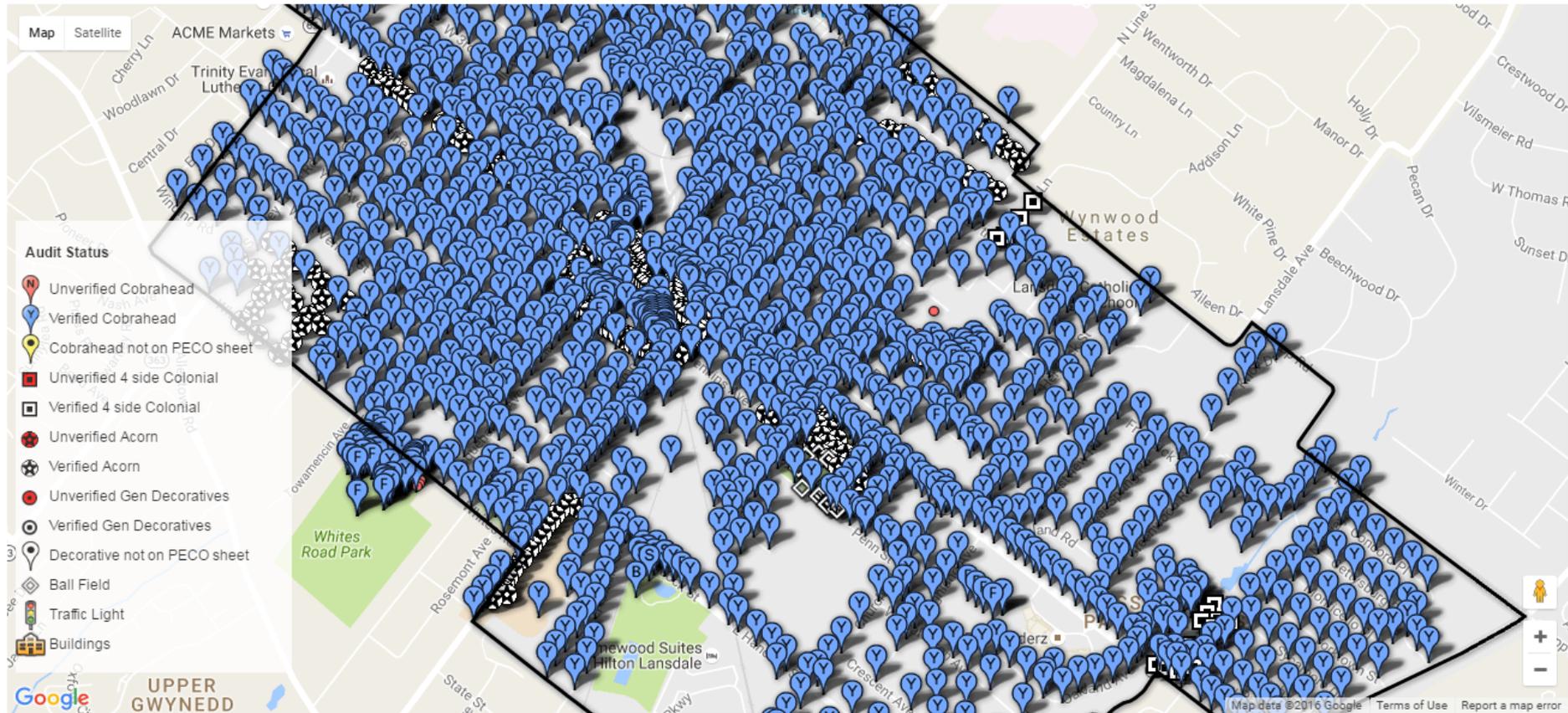
- ????

Field Audit Results (raw data reconciliation)

Street Light Audit Portal - Audit Lansdale Borough

Prescriptive Design Audit Finding Summary Chat or Search City Home

Fixture Style Fixture watts



Field Audit Results (raw data reconciliation)

Street Light Audit Portal - Audit Lansdale Borough

Prescriptive Design Audit Finding Summary Chat or Search City Home

Fixture Style --Select-- Fixture watts --Select--

Audit Status

- Unverified Cobrahead
- Verified Cobrahead
- Cobrahead not on PECO sheet
- Unverified 4 side Colonial
- Verified 4 side Colonial
- Unverified Acorn
- Verified Acorn
- Unverified Gen Decoratives
- Verified Gen Decoratives
- Decorative not on PECO sheet
- Ball Field
- Traffic Light
- Buildings

Pole Type & ID: Wooden Pole - Unique ID:L100497 - (Lansdale)

Photos

Fixture: 

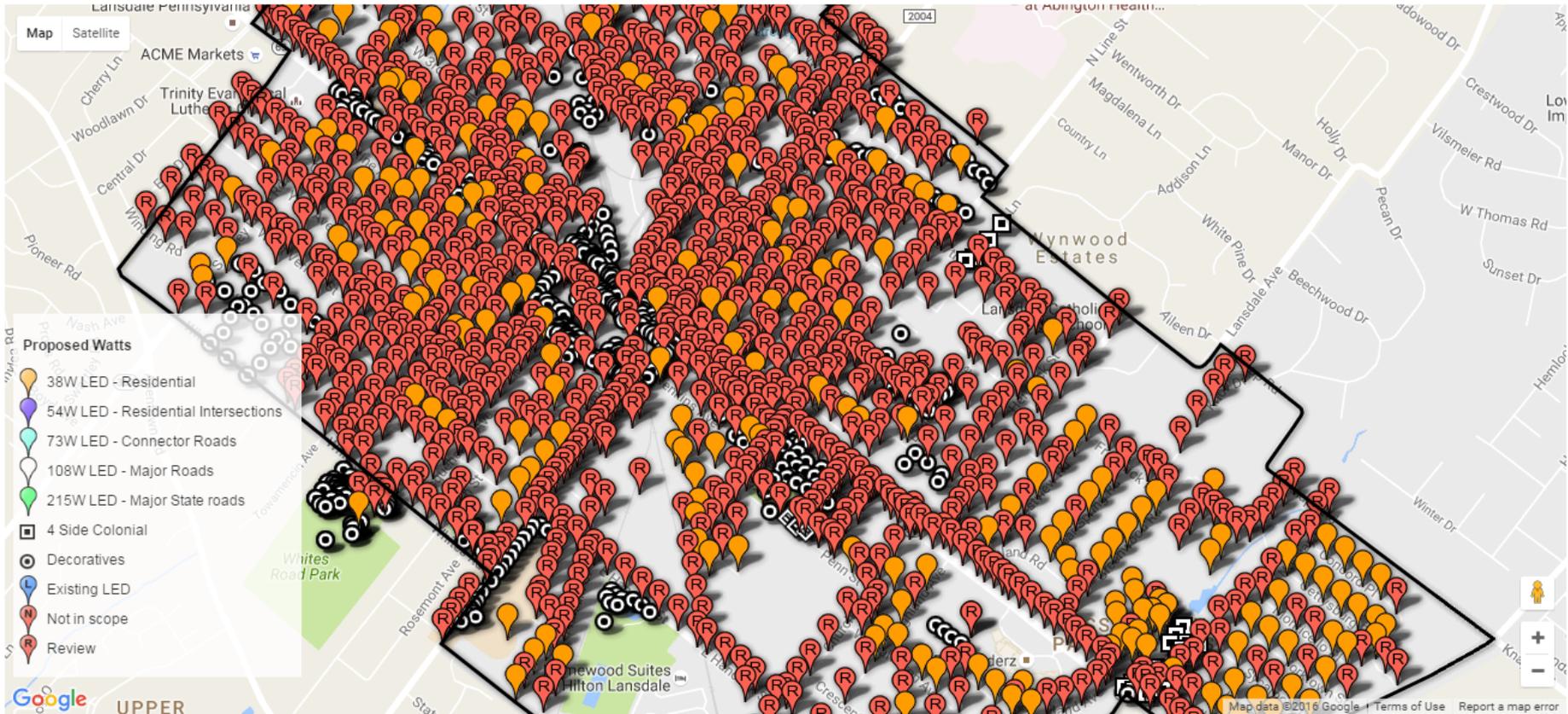
Fixture: Dusk to Dawn- Lamp: Mercury Vapor - Watts:175
Pole Type: Wooden Pole
Fixtures per pole: 1

Address: 37-99 Highland Ave, Lansdale, PA 19446, USA
[Google Map Link](#)

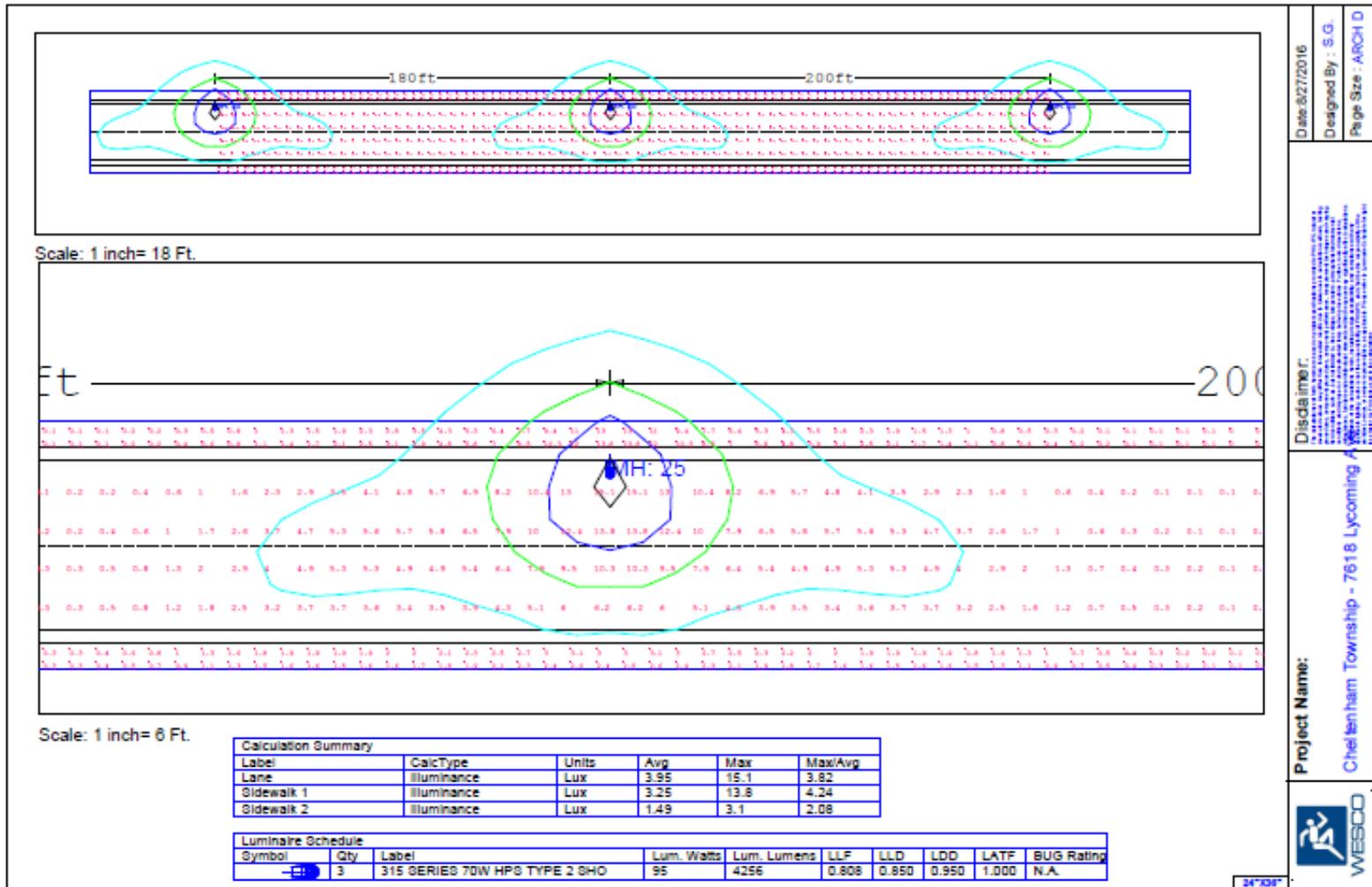
Prescriptive Design

Street Light Audit Portal - Prescriptive Design Lansdale Borough

Final Design	Line by Line	Summary	Chat or Search	Audit
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Photometrics 70W HPS Cobraheads



Date: 8/27/2016
 Designed By: S.G.
 Page Size: ARCH D

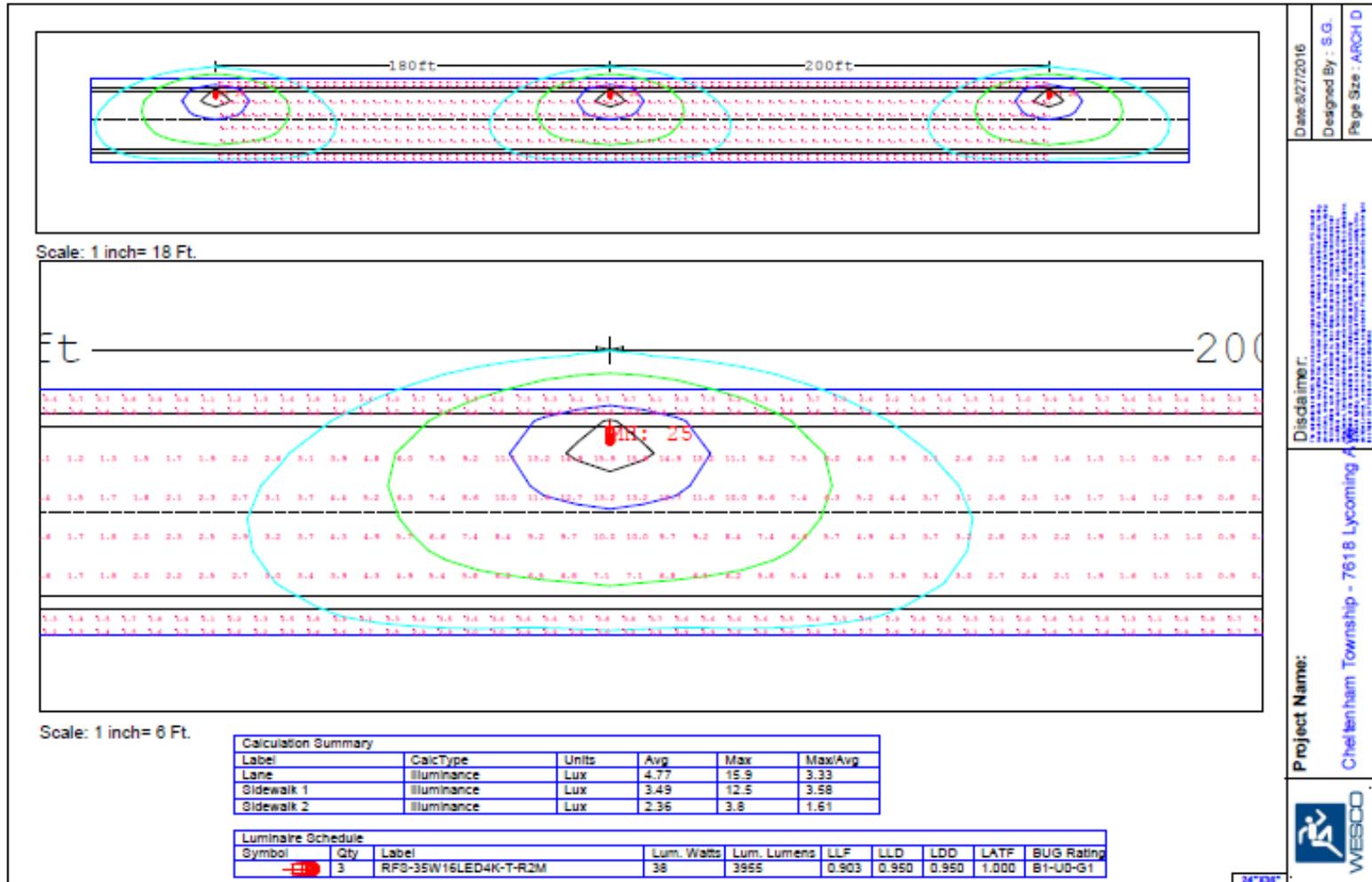
Disclaimer:
 The information contained herein is for informational purposes only and does not constitute an offer of any financial product or service. The information is subject to change without notice and is not intended to be used as a basis for investment decisions. Please consult your financial advisor for more information.

Project Name:
 Cheltenham Township - 7618 Lycoming Ave



34'x48'

Photometrics 36W LED Cobraheads



Final Design

Street Light Audit Portal - Final Design Lansdale Borough

Prescriptive Design

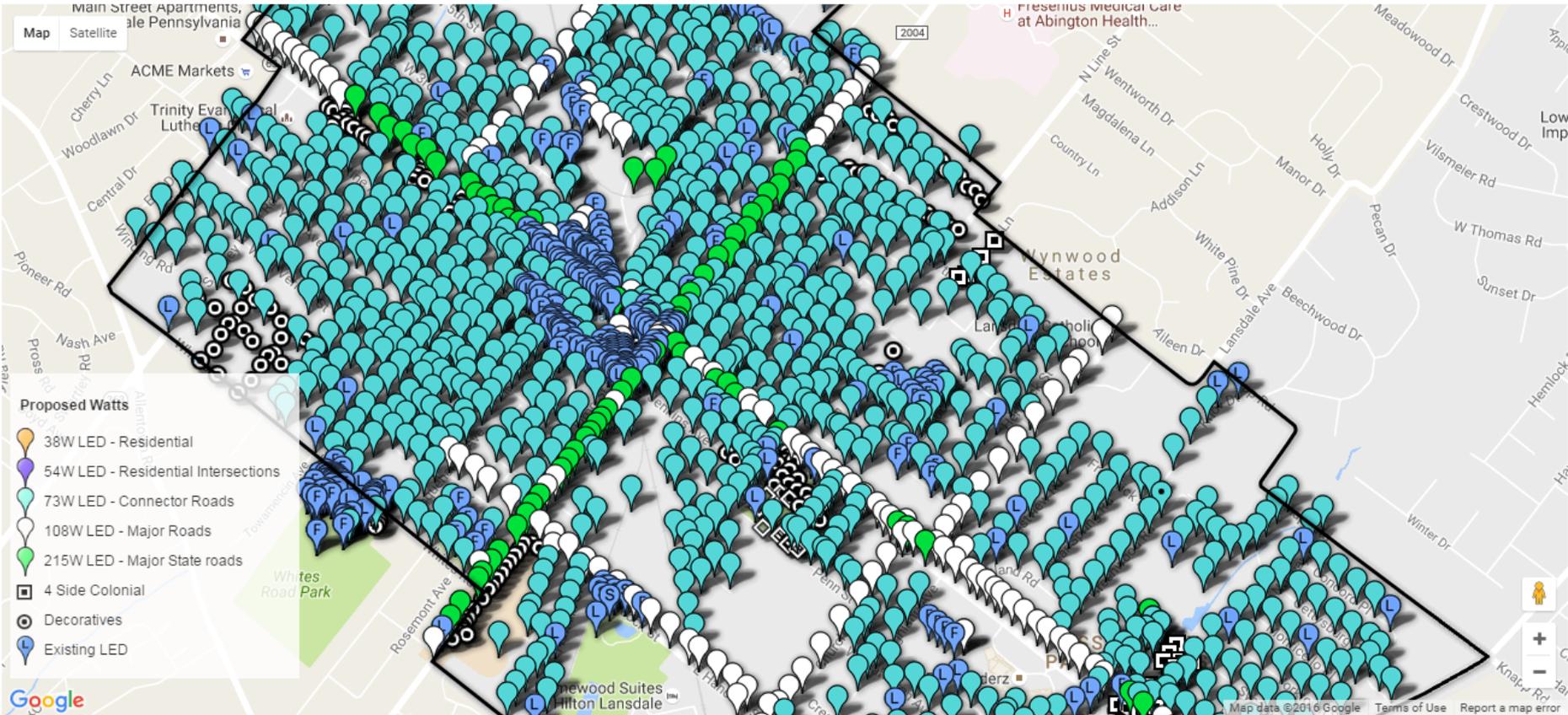
Line by Line

Summary

Chat or Search

Audit

Search



LED Product Selections



LED Warranty

10 year complete fixture
100,000+ rated hours
life expectancy 20+ years



Energy Savings Summary

Conservation Measure	Calculated Annual kWh Savings	Guaranteed Annual kWh Savings	Calculated Monthly kW Savings	Guaranteed Monthly kW Savings	Calculated Annual Energy Savings (\$)	Guaranteed Energy Savings (\$)
Street lighting - Upgrade to LED (Cobra)	585,880	556,586	143.2	136.0	\$46,870	\$44,527
FAWS (Cobra)	0	0	0.0	0.0	\$0	\$0
Street lighting - Upgrade to LED (King Luminaire)	170,968	162,419	40.7	38.6	\$13,677	\$12,994
Wireless Street Lighting Controls (Cobra)	0	0	0.0	0.0	\$0	\$0
Wireless Street Lighting Controls (Decorative)	0	0	0.0	0.0	\$0	\$0
Traffic Lighting - Upgrade to LED	328,677	312,244	117.2	111.4	\$26,294	\$24,979
Exterior Lighting - Upgrade to LED	270,835	257,293	132.3	125.7	\$21,667	\$20,583
Electric Rate Savings (\$/kWh)	0	0	0.0	0.0	\$0	\$0
Total - Base Project (King Luminaire)	1,356,361	1,288,543	433	412	\$108,509	\$103,083

Project Cost & Savings Summary

Conservation Measure	Construction Cost (\$)	Annual Energy Savings (\$)	Annual O&M Savings (\$)	Rebate(\$)	Simple Payback
Street lighting - Upgrade to LED (Cobra)	\$228,105	\$44,527	\$4,691	\$0	4.6
FAWS (Cobraheads)	\$0	\$0	\$0	\$0	-
Street lighting - Upgrade to LED (Decorative-King Luminaire)	\$253,710	\$12,994	\$3,086	\$0	15.8
Wireless Street Lighting Controls (Cobra)	\$0	\$0	\$0	\$0	-
Wireless Street Lighting Controls (Decorative)	\$0	\$0	\$0	\$0	-
Traffic Lighting - Upgrade to LED	\$51,406	\$24,979	\$2,558	\$0	1.9
Exterior Lighting - Upgrade to LED	\$274,437	\$20,583	\$2,158	\$0	12.1
Electric Rate Procurement	\$0	\$0	\$0	\$0	-
Base Project (King Luminaire): Construction Cost	\$807,658	\$103,083	\$12,493	\$0	7.0

Preliminary Project Cash Flow

The financing summary for the project is shown in the table below. The interest rate shown may vary once final financing is secured through PennSEF. This project cash flow does not include wireless controls.

JCI Construction Cost		\$796,838		
Paydown of Debt	Capital Contribution	\$0		
	Grants	\$0		
Fees	Customer-Controlled Contingency	\$0	Project ECM List	Include?
	PennSEF	\$0	ECM-1: Cobrahead Street Lighting	Yes
	KLS - Program	\$340	ECM-2: Decorative Street Lighting	Yes
	KLS - Consultant	\$0	ECM-5: Traffic Lighting	Yes
Loan Structure		Lease	ECM-6: Exterior Lighting	Yes
Contract Term - Years		20	ECM-7: Electricity Rate Procurement	No
Construction Term - Months		18	*Costs only include applicable ECMs	
Loan Payment Frequency		Annual		
Interest Rate		2.75%		
Total Financed Amount		\$797,178		

Scope

- Cobra heads
- Deco Fixtures
- Traffic Lighting
- Exterior Lighting

**20 year
Status quo cost
\$3,097,395**

	Measured Savings	Non-measured Savings			Total Savings	Loan Payment	M&V	Balance
	Utility Savings	Operational Savings	Rebates	Capital Avoidance				
Year 0	\$47,833	\$0	\$0	\$0	\$47,833	\$0	\$0	\$47,833
Year 1	\$97,578	\$21,336	\$0	\$0	\$118,915	\$100,362	\$18,553	\$0
Year 2	\$99,628	\$21,977	\$0	\$0	\$121,604	\$102,494	\$19,110	\$0
Year 3	\$101,819	\$22,636	\$0	\$0	\$124,455	\$104,772	\$19,683	\$0
Year 4	\$104,059	\$23,315	\$0	\$0	\$127,374	\$127,374	\$0	\$0
Year 5	\$106,453	\$24,014	\$0	\$0	\$130,467	\$130,467	\$0	\$0
Year 6	\$108,901	\$24,735	\$0	\$0	\$133,636	\$133,636	\$0	\$0
Year 7	\$111,515	\$25,477	\$0	\$0	\$136,992	\$136,992	\$0	\$0
Year 8	\$114,191	\$26,241	\$0	\$0	\$140,432	\$63,094	\$0	\$77,338
Year 9	\$117,046	\$27,028	\$0	\$0	\$144,074	\$0	\$0	\$144,074
Year 10	\$119,972	\$27,839	\$0	\$0	\$147,811	\$0	\$0	\$147,811
Year 11	\$123,091	\$28,674	\$0	\$0	\$151,766	\$0	\$0	\$151,766
Year 12	\$126,292	\$29,535	\$0	\$0	\$155,826	\$0	\$0	\$155,826
Year 13	\$129,702	\$30,421	\$0	\$0	\$160,122	\$0	\$0	\$160,122
Year 14	\$133,204	\$31,333	\$0	\$0	\$164,537	\$0	\$0	\$164,537
Year 15	\$136,933	\$32,273	\$0	\$0	\$169,207	\$0	\$0	\$169,207
Year 16	\$140,767	\$33,241	\$0	\$0	\$174,009	\$0	\$0	\$174,009
Year 17	\$144,850	\$34,239	\$0	\$0	\$179,088	\$0	\$0	\$179,088
Year 18	\$149,050	\$35,266	\$0	\$0	\$184,316	\$0	\$0	\$184,316
Year 19	\$153,373	\$36,324	\$0	\$0	\$189,697	\$0	\$0	\$189,697
Year 20	\$157,820	\$37,414	\$0	\$0	\$195,234	\$0	\$0	\$195,234
Total	\$2,524,076	\$573,318	\$0	\$0	\$3,097,395	\$99,191	\$57,346	\$2,140,858



**20 year
LED Upgrade Savings
\$2,140,858**

Final Cash Flow

JCI Construction Cost	\$807,658
Measurement and Verification	\$27,871
Recoverable IGA Costs	\$0
Total JCI Construction Cost	\$835,529
Capital Contribution	\$0
Customer-Controlled Contingency	\$0
Closing Costs	\$25,853
KLS-Consultant	\$0
KLS - Program Fee	\$375
Loan Structure	Lease
Contract Term - Years	8
Construction Term - Months	12
Loan Payment Frequency	Annual
Interest Rate	2.25%
Total Financed Amount	\$861,756

Project ECM List	Include?
ECM-1: Cobrahead Street Lighting	Yes
ECM-2: Decorative Street Lighting	Yes
ECM-3: Cobrahead Wireless Controls	No
ECM-4: Decorative Wireless Controls	No
ECM-5: Traffic Lighting	Yes
ECM-6: Exterior Lighting	Yes
ECM-7: Electricity Rate Procurement	No
ECM-8: FAWS	No

- Scope**
- Cobra heads
 - Deco Fixtures
 - Traffic lighting
 - Exterior lighting

**20 year
Status quo cost
\$3,066,530**



**20 year
LED Upgrade Savings
\$2,119,216**

	Measured Savings	Non-measured Savings			Total Savings	Loan Payment	M&V*	Balance
	Utility Savings	Operational Savings	Rebates	Capital Avoidance				
Year 0	\$52,418	\$0	\$0	\$0	\$52,418	\$0	\$0	\$52,418
Year 1	\$106,723	\$12,868	\$0	\$0	\$119,591	\$119,591	\$0	\$0
Year 2	\$108,857	\$13,254	\$0	\$0	\$122,111	\$122,111	\$0	\$0
Year 3	\$111,143	\$13,651	\$0	\$0	\$124,795	\$124,795	\$0	\$0
Year 4	\$113,588	\$14,061	\$0	\$0	\$127,650	\$127,650	\$0	\$0
Year 5	\$116,087	\$14,483	\$0	\$0	\$130,570	\$130,570	\$0	\$0
Year 6	\$118,757	\$14,917	\$0	\$0	\$133,675	\$133,675	\$0	\$0
Year 7	\$121,489	\$15,365	\$0	\$0	\$136,854	\$136,854	\$0	\$0
Year 8	\$124,405	\$15,826	\$0	\$0	\$140,230	\$52,069	\$0	\$88,161
Year 9	\$127,390	\$16,301	\$0	\$0	\$143,691	\$0	\$0	\$143,691
Year 10	\$130,575	\$16,790	\$0	\$0	\$147,365	\$0	\$0	\$147,365
Year 11	\$133,839	\$15,132	\$0	\$0	\$148,971	\$0	\$0	\$148,971
Year 12	\$137,319	\$15,586	\$0	\$0	\$152,905	\$0	\$0	\$152,905
Year 13	\$140,890	\$16,053	\$0	\$0	\$156,943	\$0	\$0	\$156,943
Year 14	\$144,694	\$16,535	\$0	\$0	\$161,228	\$0	\$0	\$161,228
Year 15	\$148,600	\$17,031	\$0	\$0	\$165,631	\$0	\$0	\$165,631
Year 16	\$152,761	\$17,542	\$0	\$0	\$170,303	\$0	\$0	\$170,303
Year 17	\$157,038	\$18,068	\$0	\$0	\$175,106	\$0	\$0	\$175,106
Year 18	\$161,593	\$18,610	\$0	\$0	\$180,203	\$0	\$0	\$180,203
Year 19	\$166,279	\$19,168	\$0	\$0	\$185,447	\$0	\$0	\$185,447
Year 20	\$171,101	\$19,743	\$0	\$0	\$190,844	\$0	\$0	\$190,844
Total	\$2,745,547	\$320,982	\$0	\$0	\$3,066,530	\$947,314	\$0	\$2,119,216

Questions?

