

Service Committee Minutes

Honorable Council
City of Newark, Ohio
May 22, 2018

The Service Committee met in Council Chambers on Monday May 21, 2018 following the Finance Committee with these members in attendance:

Jeff Rath, Chair
Bill Cost Jr
Doug Marmie for Jonathan Lang
Mark Labutis for Jeremy Blake- entered after the presentation
Ryan Bubb

We wish to report:

1. **Resolution No. 18-43** authorizing and directing the Director of Public Service to negotiate and enter into contract without competitive bidding for the purchase and installation of new, high-efficiency street lighting through the U.S. Communities Purchasing Program was considered.

Director Rhodes- I have a representative from Holophane and Graybar in Council chambers tonight, we are going to give a brief presentation about what we would like to do with our highway light, on ramp and off ramp lights and under the bridge lights. We want to change them from high sodium lights to LED. There is a cost savings over a period of time of not only kilowatts burnt but a saving on maintenance and repair. What I am asking for is the authority to enter into contract with them and if you give me that authority Mr. Johnson will be back in two weeks to talk about the financing end of things.

John Hazelwood with Graybar Electric- we have put together a program to bring some efficiency to the City of Newark. The players that are involved in this particular program are the US Communities which is a cooperative purchasing alliance that was vetted by the City of Kansas. We are one of the contract holders with this particular alliance and it gives the municipalities or non-profits involved a national volume purchasing ability, there are 39 contracts involved with this particular alliance. We as one of the players of this proposal that Mr. Rhodes is alluding to is that Holophane is one of the main partners in it, they have been around for 110 years and one of the things that I think bring value to the City of Newark and a lot of the things in terms of future development

in the City of Newark is that they have been involved, they are here and are invested in the terms of lighting of the city. We have also involved Tanko Lighting, they are partners with us because of their strengths and because of things that they have done. They focus strictly on municipal lighting of the streets; they have performed turnkey projects nationwide and have done over 400,000 projects. You have a combination of street lights that we would call high pressure sodium cobra heads. If you have a 250 watt high pressure sodium and you convert that to an LED you have about a 77% savings and can convert to a 2.7 year payback. The decorative lighting in the downtown area also had these located in various places throughout the city you see a little bit longer payback period but there still is a significant savings in using lighting like this. One of the main factors that we see is that municipal street lighting is about 40% of the budget that goes into maintaining this particular type of technology. We are also setting the City of Newark up to take advantage of the smart city aspect. It gives you the ability to have smart controls on each one of the LED heads. We will be conducting an audit which will allow us to confirm the ROI, the payback and the energy savings to the dollar and be able to take that information and apply for an AEP rebate which would also be going to the city in terms of this project. The roam system that already exists within the city we are going to expand on allows the Service Director to pinpoint where an outage is instead of sending trucks out to find it.

Mr. Rath- are we replacing every light in the city?

Director Rhodes- no it is the highway lights, on and off ramp lights and under the bridge lights. This is a small version of what could be a bigger project. I would call this a test project; let's get the audits in and the energy audits to see if it is working then maybe we can expand it at a later date. One of our biggest problems right now the only way we can find out if a light is burnt out is by a constituent calling or by sending our crew out at night. If we light the highways, on and off ramps and bridge lights and we like the way it looks we might entertain a bigger project in some of the neighborhoods. The technology is there to take these lights and make them so they don't shine in people's windows. We are burning yesterday's technology in Newark.

Mr. Rath- the numbers that you are showing us as far as the cost and savings are apples to apples in the number of lights that we are replacing?

John Hazelwood- yes, you will get more light as a result of the conversion.

Mr. Rath- asked if there was a benefit to bringing Heath into this discussion since we are talking about highway lights.

Director Rhodes- we haven't brought them into the discussion at this point, we are just focused into Newark. I can't speak to a discount but the reason that we selected Graybar was because of the state bids that they have been awarded and it is as you see it the best pricing we can get. The other reason that it took us such a long time to get

back to this project is if we have all the installation done it can cause grievances so we had to negotiate 6 to 8 times with the Union on which lights they would be installing and ones they won't. We have that all ironed out now and are ready to partner in this also.

Mr. Rath- when you say they you mean what lights the Union will install?

Director Rhodes- yes ones they will install and ones the contractor will install, yes we have had to break those apart because the way the Union looks at this is that this is all Union work. The other concern was that with the new technology these lights don't burn out as much so there was a concern about putting people out of work because there's not going to be lights to be changed.

Mr. Rath- what kind of lights does the Union produce?

Director Rhodes- they change all of the highway lights, bridge lights and the underpass lights. Right now when a highway light is out they block off the highway and dispatch and go do that but now with this new technology they won't be doing that.

Mr. Rath- because we are talking about state routes at this point is there a possibility to get ODOT to participate?

Director Rhodes- we pay those bills it is part of the city's responsibility. If you want a good exercise of seeing the real difference come in State Route 16, head east and look at the new Thornwood connector, look at the new LED lights there then as you get closer to Country Club Drive you will notice the yellow sodium lights. There is the real difference that you will see.

Steven Smith, 237 Violet Ct- asked how these lights are set for light pollution and dark sky initiatives

John Hazelwood- these lights have been deployed in California and other areas where light pollution is a very strong factor. LED has a factor that it's not blowing light all over the place it is a focused light that you have an LED array of light that is focused down and spreading. There was a case in Hawaii where our partners had to take in account the lighting so as not to disrupt the migration of turtles. So they had to address that issue for the state of Hawaii. The LED lights will go down on the roads and sidewalk and not pollute people's homes. That is a very strong factor when we are looking at LED lighting because it is very directional and will give you the safety factor that you need.

Mr. Fraizer- asked the total number of fixtures that we have in the city.

Director Rhodes- I would have to get back to you on that this is a small fraction of that amount. We have pinpointed highway lights, on and off ramps and bridge lights because these are lights that the city owns and maintains. If you get into the neighborhoods the city doesn't own those lights, they are owned by AEP. When one of those lights burn out there are no sensors and there is nobody out there looking to turn that light back on but because it is a monthly bill per light the city pays whether that light is on or not. We

dispatch personnel out in the Traffic Department 3 to 4 times a year and they drive around different wards of the city. If they find one burnt out they write down the number on the pole and call it in. It's not really a cost effective way to light the city.

Mr. Fraizer- does AEP charge us for replacing it?

Director Rhodes- no it is part of their service agreement.

Mr. Fraizer- does that GIS audit include the whole city or just the ones we are replacing?

Director Rhodes- it includes what we are currently proposing to do and it will show a payback on our investment.

Mr. Fraizer- then are we going to use that as a foundation for the rest of the city?

Director Rhodes- what I hope to do is use this as a pilot project. We came into Council many months ago with this original concept, we negotiated with the Union and we discussed different project sizes and scopes and this is where we landed with the highway, on and off ramps and under bridges lights.

Mr. Fraizer- what is the impact to traffic for the installation?

Director Rhodes- this is something that we have worked with them on, we will probably change their hours and go to 10 hour days 4 days a week when we go to install these. They are going to have a certain amount of lights per day they need to install. We have goals that we set with them.

Mr. Fraizer- are they going to shut down a lane?

Director Rhodes- as they do the highway yes they are going to shut down a lane.

Mayor Hall- we have about 10,000 lights in the city. Sodium lights only last about 18 months so we are out there regularly on the highway shutting down lanes and replacing lights. These have a minimum of 30 plus years. Any time that we have a lane shut down and a guy in a bucket truck I cringe with the way traffic is today so this hopefully eliminates much of that.

Mrs. Smith, 237 Violet Ct- asked whether these were compatible with solar collectors to save on electrical usage.

John Hazelwood- one of the things that are not quite developed with solar light is that you not only have to gain enough exposure to the sun but you need to be able to store it in order to put the same amount of light out into that LED array. If we have gloomy days like Ohio has over a period of time what happens is the solar light gets depleted and now you have no light. Solar light is good in some applications but not in your main street thoroughfares.

Motion by Mr. Bubb to send to full Council, second by Mr. Cost

Motion passed by a vote of 5-0.

2. **Ordinance No. 18-16** determining to proceed with the improvement of properties in and abutting Fairway Estates Subdivision and along Horns Hill Road by upgrading the

existing sanitary sewer system and installing a new gravity sewer system and the necessary appurtenances, thereto, and declaring an emergency was considered.

Mr. Bubb- stated that he would be abstaining because he serves as the President of the Fairway Estates Home Owners Association.

Brian Morehead- assuming that the resolution of intent is passed later on tonight that is on the agenda this is the next step in the process which is an ordinance to proceed with the improvement project for the assessment. What will happen next is after the resolution passes tonight we will send notice out to the property owners of all of the estimated assessment amounts with the construction cost and if we get no objections filed then the ordinance to proceed that you are considering now will be on track schedule wise however if there are objections then I will have to come back to you at Council and ask that you table it. What I am trying to do is push the schedule as much as possible to get the project out to bid and under construction yet this construction season. If all goes well we could be bidding the project at the end of June, opening bids in July and hopefully under construction in August. I'm not asking for any expediting on this or emergency, you will have the first reading on this in two weeks then the passage in another two weeks.

Mr. Rath- this actually does have the emergency clause which makes me nervous that there won't be enough time to send out notices and receive any objections should there be any before we vote on this in two weeks June 4th.

Brian Morehead- I think that the intent of the emergency clause was to make it effective at the time of the adoption.

Mr. Rath- if this passes through normally today, be held on June 4th then voted on June 18th and presumably passed then without the emergency clause when would that go into effect?

Assistant Law Director Clippinger- 30 days afterward.

Mr. Rath- it seems strange that we would put the emergency clause on this then still do two readings.

Mr. Marmie- if you don't want it to be presented until the next meeting after which is the 18th is that the date you were shooting for Brian?

Brian Morehead- yes if it is passed on the 18th and effective then that is the goal.

Mr. Marmie- it will be effective as soon as the Mayor signs it after the 18th. If that is what you want we can either table it tonight until the 4th or pass it on tonight and table it at our June 4th meeting until the 18th so it becomes effective the 18th.

Mr. Rath- at what point and time is he able to send out notification to residents who have an opportunity to object to this?

Brian Morehead- the notices will go out after the passage of the resolution that is already on your agenda tonight. They will go out this coming week.

Mr. Rath- I am sure you are anxious to get Council's opinion on this tonight so if we send it on to full Council tonight I suggest we table it at the 4th Council meeting then pass it on the 18th but at least this way you will know tonight if it is going on to full Council or not.

Motion by Mr. Marmie to send to full Council, second by Mr. Cost

Motion passed by a vote of 4-0-1

3. **Resolution No. 18-46** adopting a statement indicating what services, if any the city of Newark, Ohio, will provide for approximately 0.576 acres, more or less, located in Newark Township, a territory proposed for expedited II annexation and declaring an emergency was discussed. **LATE ITEM**

Mr. Rath- this is a late item on the agenda as well as the next three so we will only be discussing this tonight but not voting on it and using Rule 11 in two weeks providing the Majority and Minority Leaders agree.

Assistant Law Director- this is an expedited annexation from the county. Given the time constraints for it we just got it on Thursday and I got back in the office today. This has to go back to the County by June 5th and our next Council meeting isn't until the 4th so we were trying to get this on your radar so Rule 11 can be invoked and we can get this back to the county on the 5th.

4. **Resolution No. 18-47** a resolution regarding a buffer zone for the annexation of approximately 0.576 acres, more or less, located in Newark Township; and declaring an emergency was discussed. **LATE ITEM**

Assistant Law Director Clippenger- these are related to the same circumstances so we just ask the same procedure on these pieces of legislation as well.

5. **Ordinance No. 18-17** consenting to the annexation of certain territory generally described as being approximately 0.576 acres, more or less, located in Newark Township, to the city of Newark, Ohio, and declaring an emergency was discussed. **LATE ITEM**
6. **Ordinance No. 18-18** an ordinance objecting to the annexation of certain territory generally described as being approximately 0.576 acres, more or less, located in Newark Township, to the city of Newark, Ohio, and declaring an emergency was discussed. **LATE ITEM**

Jeff Rath, Chair