

**Board of Public Works
Meeting Minutes**

February 8, 2018

A meeting of the Board of Public Works was held on Thursday, February 8, 2018, at 5:30 p.m. in the Auditorium at City Hall, 229 Main Street, Nashua, NH 03060

Mayor Donchess, Chair, declared the meeting to order at 5:30 p.m. and called the roll.

Members Present:

Mayor James Donchess, Chair
Commissioner Tracy Pappas
Commissioner Kevin S. Moriarty
Commissioner Joel Ackerman
Commissioner G. Frank Teas

Also Present:

Ms. Lisa Fauteux, Director of Public Works
Mr. Tim Cummings, Director, Economic Development
Mr. Dave Boucher, Superintendent, Wastewater Department
Mr. Nicolas Caggiano, Superintendent, Parks & Recreation
Mr. John Stewart, Fleet Manager, Street Department
Mr. Kevin Naro, Solid Waste Foreman
Ms. Lauren Byers, Public Relations Administrator
Alderman Ernest Jette, Aldermanic Liaison
Mr. Stephen Dookran, City Engineer

MOTION: Commissioner Pappas to approve the agenda as presented.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

MOTION: Commissioner Pappas to approve the minutes of the Board of Public Works Meeting of December 14, 2017.

SECONDED: Commissioner Ackerman

MOTION CARRIED: 4-0-1 – Commissioner Teas Abstained

MOTION: Commissioner Teas to approve the minutes of the Board of Public Works Special Meeting of January 11, 2018.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

Public Comment

There were none.

Presentation on the Scope of Work and proposed fees from McFarland-Johnson of Concord, NH for the Engineering Study of East Hollis Street/Bridge Street Intersection Improvements. Funding will be through Department 160 Admin/Engineering; Fund: Grant; Activity: Multi-lane Roundabout at East Hollis.

Mr. Tim Cummings, Director, Economic Development

I am looking for the Board's approval for the city to enter into a contract for the design and permitting work for the East Hollis Street Traffic Improvement Program. This has been a project that has been in front of the city for many years and we are now at the point for the state to move forward where we would be acting as the local project manager. The state is picking up 100% of the cost of this traffic improvement where typically you would only see an 80% - 20% type of split. The state is picking up the entire \$3.6 million cost and right now we are just looking to execute the design phase that is approximately \$256,000. We would like to keep this project on schedule and have the design and permitting done over the next six months and that will better inform us in terms of the type of construction project that we would have before us. As we develop more information, we would be coming back before you for your guidance on how the project should actually be executed.

Commissioner Pappas

Who is going to pay for the study?

Mr. Cummings

This study would be paid 100% by the state.

Mayor Donchess

It is for the design of the project.

Commissioner Pappas

Yes, but sometimes those are excluded from state funds so that is why I asked.

Commissioner Ackerman

Is this the area that is in front of Renaissance Village and it is going to incorporate both east and westbound consideration to get across the bridge and then back into Nashua in a much more flowing way than we have today?

Mr. Cummings

That is essentially correct.

Commissioner Teas

Provided that the study goes well, what would the timing be for build out and completion?

Mr. Cummings

This is tentative and subject to change but the construction phase would be in the spring of 2020, and we would look to be finishing the design in the fall of 2018, and then do all of the bidding work throughout 2019, start construction in the spring of 2020; and have it be in one construction season.

Commissioner Pappas

I assume we will take all of this into account before we do the paving.

Director Fauteux

For this project?

Commissioner Pappas

Yes, for anything that would possibly be on our paving list.

Director Fauteux

Absolutely.

Commissioner Pappas

Will streets around there be put off?

Director Fauteux

If they should be, they will be but I do not think we have determined that any streets necessarily will need to be put off at this time but yes, absolutely; we will take that into account.

Mr. Cummings

The specific area would just be the Bridge Street segments of East Hollis Street and then essentially it runs from east to west, D Street to the center of the river. The only real street in that project that I did not mention would be E Street. There are minimal streets in the project area.

Mayor Donchess

The simple answer is we are not going to pave something and then build over it.

Commissioner Ackerman

Since I have been on the Board this is one of the more comprehensive scope of project analysis that has come to us and I am pleased with that. As they go through the scope of the project, is there the potential that there may be a recommendation that we need to take a piece of property?

Mr. Cummings

That could be very much a potential but we will not know that until we start doing some analysis to understand what the right-of-way impacts might be. I would like to believe that we do not need to do that but I will not know that until we have a design in-hand.

Commissioner Ackerman

Under phase I of the engineering study on page 2 of 8, it talks about making some accounts and doing some traffic surveys. It says here "weekday PM peak hours 3:00 a.m. to 6:00 p.m." I am assuming that is supposed to say 3:00 p.m.

Mr. Cummings

That is correct.

Commissioner Ackerman

Are there more funds available from this?

Mr. Cummings

No.

Commissioner Moriarty

I noticed on the proposed motion concerning this matter that the total project funding number is not listed. Is that because it is not city funds that we are approving so it is not necessary for us to approve the number?

Mayor Donchess

When you say "total project," do you mean for the \$256,000?

Commissioner Ackerman

Yes.

Mayor Donchess

I guess that is the underlying reason but there would be no problem with including the number in the motion.

Commissioner Ackerman

Director Cummings, under the letter from the State of New Hampshire, dated January 16th, addressed to you, the last sentence in the first paragraph reads, "in the future it may be helpful to engage staff from the city's Public Works Division in development of the IGE." What does IGE stand for?

Mr. Cummings

It stands for Independent Government Evaluation, which is a certain process that you need to go through with this type of project.

MOTION: Commissioner Pappas to approve the Scope of Work and proposed fees from McFarland-Johnson of Concord, NH, for the Engineering Study of East Hollis Street/Bridge Street Intersection Improvements. Funding will be through Department 160 Admin/Engineering; Fund: Grant; Activity: Multi-lane Roundabout at East Hollis.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

Wastewater

A. **MOTION:** Commissioner Moriarty to approve the User Warrants as presented.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

B. **MOTION:** Commissioner Moriarty to approve the purchase of three new Raw Sewage Pump drives and associated installation accessories in the amount of \$33,000 from Granite City

Electric Supply Company, of Nashua, NH. Funding will be through: Department: 169 Wastewater; Fund: Wastewater; Account Category: 81 Capital Outlay/Improvements.

SECONDED: Commissioner Pappas

MOTION CARRIED: Unanimously

- C. MOTION:** Commissioner Teas to approve the purchase of one new Raw Sewage Pump Suction Cover in the amount of \$15,800 from Xylem, of Woburn, MA. Funding will be through: Department: 169 Wastewater; Fund: Wastewater; Account Category: 54 Property Services.

SECONDED: Commissioner Moriarty

MOTION CARRIED: Unanimously

- D. MOTION:** Commissioner Pappas to approve Change Order 9 to the Headworks Upgrades contract with T-Buck Construction, Inc. in the amount of \$11,488.75. Funding will be through: Department: 169 Wastewater; Fund: SRF Loan; Activity: Headworks Upgrades.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

- E. MOTION:** Commissioner Ackerman to approve Change Order 1 to the SCADA Upgrades contract to Electrical Installations, Inc. of Moultonborough, NH, in the amount of \$114,000. Funding will be through: Department: 169 Wastewater; Fund: WERF; Activity: SCADA Upgrades.

SECONDED: Commissioner Pappas

Discussion:

Commissioner Moriarty

It seems like that is quite an upgrade, can you explain that because it was not expected. Do we use Wright-Pierce as a consultant with this project?

Mr. Dave Boucher, Superintendent, Wastewater Department (Sp?)

The original consultants, who were the design engineers for this project, was Woodard & Curran. The contractor was Electrical Installations. The part of the project that was going to be done by Woodard & Curran was for the programming of the SCADA system once it was installed and new control panels were to be tested by the design engineer and was not part of the contractors responsibility. We have recently got rid of Woodard & Curran and now it is being overseen by Weston & Sampson. Electrical Installations can do the start-up and programming, as they were the original installers of some of the programs back about 40 years ago. Woodard & Curran was going to do it for \$173,000 and Electrical Installations is doing it for \$114,000.

Commissioner Teas

How big of a contract is it on a percentage basis?

Mr. Boucher

The total contract is \$591,000 so this would in addition to that. The design-engineering portion has already been done so it is just being overseen by Weston & Sampson.

MOTION CARRIED: Unanimously

F. MOTION: Commissioner Pappas to approve Steam System Repairs by Armand E. Lemire Co, Inc, of Hooksett, NH, in an amount not-to-exceed \$20,000. Funding will be through: Department: 169 Wastewater; Fund: Wastewater; Account Category: 55 Other Services.

SECONDED: Commissioner Teas

Discussion:

Commissioner Pappas

At the risk of sending you running back to Milford, this has been a very frustrating item. It would seem that one would be able to get a heating system up and running. I understand in the scheme of things how much things cost at wastewater and that \$20,000 doesn't seem like a lot of money but given what we have put in to this heating system...within the next couple of months, I would really like us to take a look at this. I cannot even explain the aggravation and the amount of money, time, effort and energy that has been put into getting this system running and people are freezing cold or they are steaming hot. It does not seem like it is rocket science. I just cannot believe with the number of years we have worked on this heating system and it still does not work. Who is responsible for what? I get that it does not come out of the city budget and that it comes out of the user fee budget but if it were your home and you tried to do a project like that and it was still not working, at a certain point someone has to be responsible for something. I would like us to take a two-year look at what we have done to the heating system, who has been paid and review the contracts. Are the people we have already paid responsible for anything?

Mr. Boucher

These are two different heating projects. We do have an HVAC project that is going on and has been going on for a while. It is nearing the end; we see a substantial completion in March. This is an independent project that stems off the new boilers that were installed in 2015. The boilers were installed, however there are many attachments to the boiler that are 40 years old. There are valves being installed and there is already a series of things that have been replaced such as steam controls and steam leaks were repaired. The HVAC system project does not heat the entire building. There are a lot of process areas that the HVAC project does not heat and this would heat that and also act as a secondary back-up system to the HVAC system that is going in. This is a company that we hired to do the upgrades independent of that HVAC project.

Commissioner Pappas

It is that on-going project that I feel like I have been living with for several years; did we plan to do it over this amount of time or was it a list of failures?

Mr. Boucher

I have not seen that in the time that I have been there. Things are on schedule. I am not aware of any failures but the project did start prior to my arrival.

Director Fauteux

The original project that I think Commissioner Pappas is talking about is when we replaced the original boilers, and that has been completed and that has worked fine. Then we had our huge HVAC project that is in the final stages of completion. There have been phases of it so it might seem like it has gone on forever, it has to us as well but it is a huge project. It encompasses a lot more than just the office space it is the whole plant. When we originally did the boilers, we had not addressed all of the steam traps in the building so once we started to go through some of that we found additional items that needed to be replaced. Everybody is warm.

Commissioner Pappas

How often do we have to do this kind of work and are we putting it in the long-term budget?

Mr. Boucher

The equipment that is being replaced goes back 40 years and I am sure there was a lack of maintenance during that time. I am sure that once this is in we will keep a regular service company to do preventive maintenance throughout the years. What is installed now may last another 40 years.

Director Fauteux

It is in our WERF schedule for replacement.

Commissioner Pappas

So, all of the work that has been done in the last two years is in the WERF schedule?

Director Fauteux

Yes, that is correct.

Commissioner Ackerman

A 40-year old system is pretty close to the end of its lifecycle, how many steam controlled valves does this represent.

Mr. Boucher

I do not have a total but some have already been replaced. This number is based off the estimate from the company that will be doing the work.

Commissioner Ackerman

As a worst-case scenario, suppose the city had to replace the entire 40-year old system, what order of magnitude might that overall cost be?

Mr. Boucher

I do not think it is going to go over \$20,000. The boilers are the biggest part and those have been replaced and are being maintained. This is just adding steam controllers, relief valves and fittings that are leaking.

Commissioner Ackerman

The only thing that concerned me was the discussion on this document that states, "this purchase order will allow us to continue repairs." I did not know if you foresaw any future repairs but it sounds like you do not.

Mr. Boucher

Anything else would be on a preventative maintenance program. If something did fail, it would be replaced right away.

MOTION CARRIED: Unanimously

G. MOTION: Commissioner Teas to approve Amendment 1 to the contract to Wright Pierce for professional services for the final design and bidding phase services for upgrades to the NWTF primary clarifier in an amount not-to-exceed \$221,875. Funding will be through: Department: 169 - Wastewater; Fund: SRF Loan; Activity: Primary Tank Upgrades.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

H. MOTION: Commissioner Pappas to approve Change Order 2 to the Digester Cleaning project with Denali Water Solutions in the amount not-to-exceed \$100,000. Funding will be through: Department: 169 Wastewater; Fund: Wastewater; Account Category: 81 Building Improvements.

SECONDED: Commissioner Ackerman

Discussion:

Commissioner Moriarty

Superintendent, can you please speak to this change order because it looks like another big change. We approved this in July for \$200,000 plus and this is the second change order

Mr. Boucher

We had two storms that happened during this project that caused shutdowns. Every time you shut down as they are trying to empty the digester, which is the large egg that is filled with sludge, as they try to empty it, if they do a shutdown because of a storm, the egg has to get filled with new sludge that comes into the facility so we have to start back at square one. Part of this is to have to catch up on loads of sludge leaving the facility. They pull the sludge out and they squeeze the water out of it and resend it. Part of the project is also that we have valves that we cannot isolate in order to empty the egg and this also covers the cost of replacing those valves once the egg is empty. They were unforeseen items. Even today, we found some valves that we could not isolate but we are nearing the end and I do not foresee us going over the \$100,000. This is to cover the cost of the extra loads that have to leave the facility and some of the valves that we have to purchase to do the repairs once the egg is empty. It has taken longer than it traditionally does.

MOTION CARRIED: Unanimously

I. Informational – MOTION - Commissioner Pappas to accept and place on file the thank you letter to the Wastewater Department from a resident.

SECONDED: Commissioner Ackerman

Discussion:

Mayor Donchess

This letter thanks the Wastewater Department for services performed by a couple of employees on a hydrant in front of a resident's house.

MOTION CARRIED: Unanimously

Parks & Recreation

- A. MOTION:** Commissioner Teas to approve the award of the 2018 City 4th of July Fireworks Celebration contract to Atlas PyroVision Entertainment Group of Jaffrey, N.H., in an amount not to exceed \$16,500. Funding will be through Department: 177 Park and Recreation; Fund: General; Account Classification: 55 Other Services.

SECONDED: Commissioner Ackerman

Discussion:

Commissioner Pappas

They have done an absolutely outstanding job over the years.

Alderman Jette

It does seem like a lot of money to be “blowing up in smoke.” Have we ever tried to get a local corporation or civic club to sponsor this event?

Mr. Nicolas Caggiano, Superintendent, Parks & Recreation

We have never gone down that alley. It is not a bad idea but I would want to ensure that the quality of the event was not compromised. The fireworks that we have are a pretty premium show so as long as that was not compromised then I think it is a great idea.

Alderman Jette

I am not talking about giving up control, I am just talking about someone else lending their name to it and putting up the money.

Mayor Donchess

Are their concessions on the 4th of July?

Mr. Caggiano

There are concessions and the concession agreement that we have with the Silver Knights for any non-ballgame event is that we share the concessions; the Silver Knights get 60% of the net and we take 40% of the net. Traditionally that has been about \$4,000 on the 4th of July event.

Alderman Jette

Is there any possibility of exploring that idea?

Mr. Caggiano

Sure, I can talk about it with the director. I do not think we would be able to pull it off this year because of the contracts need to be locked up pretty early.

Mayor Donchess

I do not think Alderman Jette is proposing that we hold up the contract. I think he is saying if we found someone for this amount or some part of it, they could maybe put their name on it.

MOTION CARRIED: Unanimously

B. MOTION: Commissioner Ackerman to extend the current contract for portable restrooms with United Site Services of Haverhill, MA, through December 31st, 2018, for the sum of \$17,225. Funding will be through Department: 166 Parking, Fund: General; Accounting Classification: 55 Contracted Services (\$660); Department: 177 Park & Recreation; Fund: General and Trusts; Account Classification: 54 Property Services (\$13,925); and Department: 169 Wastewater; Fund: Wastewater; Account Classification: 55 Contracted Services (\$2,640).

SECONDED: Commissioner Teas

MOTION CARRIED: Unanimously

C. MOTION: Commissioner Pappas to eliminate the current vacant Nursery Worker position at the Parks and Recreation Department and create a Groundsman I position.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

D. MOTION: Commissioner Moriarty to approve the purchase of a portable air compressor from ATS Equipment of Boston, MA, for the sum of \$22,943. Funding will be through Department: 177 Park & Recreation; Fund: General and Trusts; Account Classification: 71 Equipment.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

E. MOTION: Commissioner Teas to approve the purchase of roof and door repairs at the Gatehouse in Mine Falls Park from Forcier Contracting of Nashua, NH, for the sum of \$13,300. Funding will be through Department: 177 Park & Recreation; Fund: Trust; Account Classification: 54 Property Services.

SECONDED: Commissioner Pappas

Discussion:

Commissioner Ackerman

Superintendent Caggiano, can you educate those that are listening today what the Gatehouse is and where it is located.

Mr. Caggiano

The Gatehouse is the control structure that was used to create flow into the mill at Mine Falls Park that regulated the flow of water in the canal that ran the mills in the 1800's and early 1900's. In the 1970's they built the hydro dam and at that point the Gatehouse was pretty much boarded up and only one gate was operational and it went into disrepair. In 2003, a group of students from the Fairground Middle School, a history club, led a campaign to restore it and we received a HUD grant from Senator Gregg to restore it. It is in almost museum quality on the inside and it is open on trail days during the summer. The Advisory Committee has members that will give you a tour and explain the function. The building was renovated and it is still in really good shape but we noticed some issues that need to be addressed and I would like to have these issues taken care of now before it starts to infiltrate into the inside of the structure.

MOTION CARRIED: Unanimously

Commissioner Moriarty

Superintendent, I read with interest the history of the nursery worker and the fact that we used to have a greenhouse. I have never seen that on your list of things that we would be looking for. Is that something that would benefit the city? I think it would but I would like your point of view.

Mr. Caggiano

It would, a greenhouse would be great but we cannot grow plants at a level that they do commercially. Years ago there was a project being considered regarding putting a greenhouse at the wastewater plant and that required the sludge that came out of the digester to be at an A grade and it currently produces a B grade and the cost to produce an A grade is very significant. If it ever got to an A at some point in the future then we would be able to use that to fertilize fields, parks and use it as a growing medium for the annuals. There is currently a greenhouse at the cemetery on West Hollis Street and they grow some extras for us.

Solid Waste

- A. MOTION:** Commissioner Pappas to approve the purchase of five (5) automated, one (1) semi-automated Solid Waste collection vehicles from McNeilus, 941 Hemlock Road, Morgantown, PA, in the amount of \$2,001,555 pursuant to the NJPA Contract #112014-MCN. Funding will be through Department 168 Solid Waste; Fund: Bond; Activity: CERF.
SECONDED: Commissioner Ackerman

Discussion:

Commissioner Pappas

I have said this before about our trucks in CERF that sometimes I think we should do a re-evaluation. For a short period of time, the former Mayor had the staff come up with a list of when our vehicles should be replaced and I would really like to see us, since we do have two full-time shifts of mechanics, to be able to see what maintenance is done on the vehicles. It's ironic that this came up in Solid Waste because that is the one area where I would say...I think we are letting our other vehicles go too soon and the reason I feel differently about the Solid Waste vehicles is because there are so many moving parts, especially for automated vehicles. There is so much that can go wrong and I think that we should unload those as quickly as possible. Through ten years' I have seen us make changes and one of them was to say that we had a Fleet Manager and then we had Storekeeper. We have changed positions around, and in some cases, we have given raises. When one of us has work done on one of our own personal vehicles, we take home an inventory of what has been done. When we purchase new vehicles, I would like us to have a history of what is done on the vehicles. I absolutely want to get rid of the trash vehicles as quickly as possible because of all of their moving parts and it is a disaster if a trash truck goes down.

Commissioner Moriarty

I was happy to see that all six vehicles will be run on compressed natural gas (CNG).

Director Fauteux

So was I.

Commissioner Ackerman

This was a pretty nice write up on what is required and the fact that we seem to be moving to a new arm design to cut back on mechanical failures. I do not know and I do agree with Commissioner Pappas that we

should have a little bit more visibility to the CERF process going forward. From what I understand, a few of the trucks are currently down and my concern is what the lead-time is on these vehicles. Are we going to be able to maintain a healthy city?

Director Fauteux

Our Fleet Manager, John Stewart, who you do not see very often, is here this evening and he can probably speak to that but there is some lead-time. Kevin Nera is also here, he is our Solid Waste Foreman and he is in charge of overseeing our trash pick-up.

Mr. John Stewart, Fleet Manager, Department of Public Works

I agree with Commissioner Pappas that the vehicles are very critical and occasionally there two or three down all at once for various reasons. Looking at the major repairs on the arms...the average cost of the arms to repair is \$10,000 just in parts each time and it has to be done every 30,000 miles or 3,000 hours. The truck that we currently have that has the new arm, we've had that for 43 months and we've done one repair on it for \$3,000 so it has proven to be much more reliable and less maintenance intensive. On the other style arms, the hydraulic systems tend to work a lot harder so there are more leaks and more failures with valves and bumps. Their lifespan is six years and we have been averaging about \$2,000 per year for hydraulic failures. There is an advantage to going to the new style arm and those trucks I believe will last longer just because of their design. The lead-time on a new vehicle purchase; at the beginning of January, they were talking about eight to nine months from the date of order.

Commissioner Pappas

Regarding the other vehicles, I assume that we keep track of what we do to the vehicles.

Mr. Stewart

Yes.

Commissioner Pappas

Would it be a huge deal for us when we are trading in a vehicle or getting rid of a vehicle to see its history?

Mr. Stewart

Some of the history is hard to find prior to 2012 because we were not using the maintenance software at that time but from 2012 forward, we can track what has been done.

Commissioner Pappas

Are they on the computer?

Mr. Stewart

Yes but they are not easy to break down into a workable file to see what has been done.

Commissioner Pappas

I am trying to think of the best way to get into the practice...

Mr. Stewart

We do that now. When we bring a truck in, we make a repair order, parts and labor that are charged.

Commissioner Pappas

Whatever you have, would it be possible for us to see?

Mr. Stewart

Yes, it is in the maintenance program.

Mayor Donchess

He is saying that they have good records dating back to 2012.

Commissioner Pappas

Let's say that the vehicle was purchased in 2010, you would do what you could to get us the records.

Mr. Stewart

Yes.

Commissioner Pappas

When our trucks are down do we rent some?

Mr. Kevin Naro, Solid Waste Foreman

When we run out of the automated trucks, which happens quite often, we have to revert back to the rear load packer which means we have to have two people on that truck. That becomes an issue because I end up stealing people from the landfill. In the past year, I have seen quite a decline in the other trucks being down.

Commissioner Pappas

I have received calls on this. Let's say it is a recycle truck that goes down, sometimes you do have to use a packer for recycling.

Mr. Naro

Yes, we can use the packers for trash, recycling, yard waste or Christmas trees. The same holds true for the semi-automated trucks. The most important thing to remember is that the 1st generation trucks that we have now, the arms have so many parts and it is hard to re-build. The ZR that we got a few years back, which was a demo when we got it, is the best running truck in the fleet. If the barrel has a little overflow, it goes right up and it does not dump it all over the place.

Commissioner Pappas

Again, for the folks out there, if they see their recycling going into a packer, do not panic, we are not dumping the recycling.

Commissioner Ackerman

What is the typical life span of one of the new vehicles estimated to be?

Mr. Stewart

I do not think it is a known quantity because of the usage.

Mr. Naro

I would say we do an average of 600+ stops per day. These trucks are used exclusively for trash. Trash has a very high moisture content to it and it is very abrasive because you do not know what is in there.

Commissioner Ackerman

I am in full support of this but I just a few clarifying questions. If you do not know what the life cycle is on the new equipment coming in based on wear and tear, how old are the existing pieces of equipment.

Mr. Stewart

The ones we have now are six years old.

Commissioner Ackerman

Is the amount of money that we are appropriating now net of the trade-in value of the existing vehicles? The write up says we can get some trade-in value for what we have.

Mr. Stewart

The trade-in value is not reflected there, its' an unknown at this time until we get close to getting the new ones in.

Commissioner Ackerman

Director, would that money just flow back into the general fund?

Director Fauteux

That is correct. In our fleet plan, the lifespan of these automated trucks is five years.

MOTION CARRIED: Unanimously

B. Informational – MOTION: Commissioner Pappas to accept and place on file the NHDES Letter Regarding Household Hazardous Waste Collection Inspection

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

Commissioner Teas

While we are on the topic of solid waste, today is my garbage day and because of the snowstorm school was cancelled yesterday and I wondered if there was garage pick-up today. I was wondering when garbage pick-up was delayed? I assumed it would be delayed because there was no school.

Director Fauteux

We usually always pick up trash, it is very rare, it would have to be a very bad storm and it depends partly on the timing. Yesterday's storm was a "perfect storm" because we had plenty of time to pick-up trash and then the solid waste people came over and plowed. We would only cancel trash pick-up if it were not safe for the trash trucks to be out or we needed the solid waste people, which there are 17 of them, to plow. We would put that out in a press release and we post it on our new Facebook page, on the front page of the city website and also on our page as well as various media outlets. If you have signed up for CodeRed, we would also send out a notification there.

Alderman Jette

How do people find the Facebook page?

Director Fauteux

This is Lauren Byers, our new Public Relations Administrator, who is doing a great job.

Ms. Lauren Byers, Public Relations Administrator

You would search Nashua Public Works and we are also on Twitter at Nashua DPW. Due to the storm I road in one of the plows yesterday and I posted on Twitter and Facebook and within an hour we had 1,000 hits and by end of the day we were over almost 4,000 on that post and 6,000 on the snow emergency. We seem to be really reaching people in a positive way.

Mayor Donchess

How many likes are on the public works page?

Ms. Byers

We are just under 1,000 and then another 400 to 500 followers. I wanted to hit 10,000 people within the first month but I was a little bit optimistic. People seem to be enjoying the updates on the road closures, the snow emergencies and trash. People do use social media a lot but the information is also on the website and it does go out to all of the media as well as CodeRed.

Alderman Jette

I noticed there are a couple of granite posts missing on the corner of High Street and Main Street.

Director Fauteux

I will look into that, thank you for letting me know.

Commissioner Ackerman

As a result of the social media awareness, did we see a reduction in the number of vehicles that we had to tow during the snow emergency?

Director Fauteux

There was not a reduction, in fact there were several vehicles that were not get towed that should have and we are looking into that.

Engineering

A. MOTION: Commissioner Teas to approve the Residential and Commercial Wastewater Service Permit and Fees as submitted.

SECONDED: Commissioner Pappas

MOTION CARRIED: Unanimously

B. MOTION: Commissioner Pappas to approve the sole source contract with Ocean State Signal in the amount of \$146,500 for the purchase and installation of Eagle Brand Traffic Controllers, monitors and Eagle Brand compatible equipment. Funding through Department: 160 Engineering; Fund: Grant; Activity Highway Block Grant.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

Mayor Donchess

I have been meaning to ask Mr. Dookran, Monday mornings at 8:00 a.m., I go on George Russell's radio show and he keeps asking me about the traffic lights and I keep saying that I will bring in someone who knows. Maybe one Monday morning you could come in and help to fill him and public in on how the traffic lights are timed.

Mr. Stephen Dookran, City Engineer

I can actually have someone do it who has more expertise than I have.

Director Fauteux

Wayne Husband can come in.

Commissioner Pappas

I had a lot of business on Main Street today, I was down there three times and certainly, I always hated the Library Hill light and sometimes when you make people wait so long I think you are going to be more likely to have people blow through yellow lights and that is very dangerous. In two of the three times that I was on Main Street today, I saw one of the fire trucks that was not on their way to any emergency who went through the light. I do not know if there is someone at the fire department that you can speak with about that.

Commissioner Teas

Commissioner Pappas, I feel your pain going up and down Main Street but with all due respect, I do not know if it is our area to make a suggestion to the fire department. I think they are governed by a separate Board. I am happy for them to get back to their firehouse to ensure they are on the ready in case there is a call.

C. MOTION: Commissioner Ackerman to approve the contract for an amount not-to-exceed \$120,000 to William P. Davis Excavation, LLC for the installation of a guardrail on Temple Street. Funding will be through Department: 160 Engineering; Fund: Grant; Activity: Highway Block Grant.

SECONDED: Commissioner Moriarty

Discussion:

Commissioner Ackerman

This is something that we brought to the attention of the Division of Public Works several months ago. They did their due diligence; the fence is in really tough shape. As a result of this contract, is it our plan to keep the existing fence there and simply put the guardrail up or are we planning to put up a very tall guardrail?

Mr. Dookran

Guardrails come in a standard height and it is about 27" from the surface of the street. The guardrail is there to prevent vehicles from going over the severe drop so the fence will still be necessary. Our plans at this time, because of budget constraints, would be to try to repair the fence. It is more important to get the guardrail in because of the safety measure and the fence would be needed for pedestrians and bicyclists.

Commissioner Ackerman

Exactly, so there is some repair that will go on with the fence?

Mr. Dookran

That is correct but this contractor is not being hired to do the fence, the fence will be done using a different contractor.

Commissioner Ackerman

It is much needed for the city.

MOTION CARRIED: Unanimously

- D. MOTION:** Commissioner Moriarty to approve amendment #2 to the professional services contract with Hayner/Swanson, Inc. of Nashua, NH, to continue Project Wide Management Support for the Broad Street Parkway in the amount of \$77,630. Funding for this contract is through Department 160 Engineering; Fund: Bond; Activity: Broad Street Parkway.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

- E. MOTION:** Commissioner Teas to approve the contract for an amount not-to-exceed \$30,000 to S.W. Cole Engineering for the installation of cores on City of Nashua streets. Funding will be through: Department: 161 Street; Fund: General; Activity: Paving; Department: 161 Street; Fund: Trust; Account Category: 54 Property Services; Department: 169 Wastewater; Fund: Wastewater; Activities: Sewer Structures and Sewer Rehab.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

- F. MOTION:** Commissioner Ackerman to approve Change Order No. 1 of the construction contract for the LED Street Lighting Conversion project with Siemens Industry, Inc. of Austin, TX, in an amount of \$42,000. Funding will be through Department 161 Street; Fund: Bond; Activity: LED Lighting.

SECONDED: Commissioner Pappas

Discussion:

Commissioner Ackerman

Is this now going to finish the entire LED conversion for the city?

Director Fauteux

Yes, we had some damaged lights and this includes the damaged lights so we can replace them and there are a few more that we will have in inventory. We will be coming in with another motion to purchase some additional lights so we have them on hand. Eversource will be installing them for us but we do need to keep an inventory. This will wrap up the project.

Commissioner Ackerman

Has there been any feedback from people that you have interacted with in the public in terms of if they have noticed a significant difference?

Director Fauteux

We have not had a lot. There have been a few complaints here and there but most everyone is pretty indifferent.

Mayor Donchess

When these were installed, we took a lot of public input and some residents thought that the 4,000 Kelvin was too bright so we scaled it back to 3,000, which seems to have worked. We are saving a net over ten years, less the cost of installation, about \$2.5 million. It was a successful project.

Commissioner Moriarty

It was also my understanding that the LED bulbs are longer lasting, is that correct?

Mr. Dookran

We expect a ten-year lifespan.

Commissioner Moriarty

Are they also more fragile?

Mr. Dookran

I am not sure about that. We had issues with wind and trees falling which took down some lights and some brackets. In one location, the falling trees actually took down the poles.

MOTION CARRIED: Unanimously

Personnel

A. MOTION: Commissioner Teas to accept the resignation of Todd Welch, Assistant Construction Engineer, effective January 9, 2018.

SECOND: Commissioner Ackerman

MOTION CARRIED: Unanimously

B. MOTION: Commissioner Ackerman to accept the retirement of Steve Walters effective January 31, 2018.

SECONDED: Commissioner Teas

MOTION CARRIED: Unanimously

C. MOTION: Commissioner Ackerman to accept the resignation of Geraldine Ciardelli, Administrative Assistant II, effective February 16, 2018.

SECONDED: Commissioner Teas

MOTION CARRIED: Unanimously

D. Non-public Session: Commissioner Teas made a motion to go into non-public session pursuant to RSA 91-A-3(2) B, the hiring of any person as a public employee.

SECONDED: Commissioner Moriarty

A Viva Voce Roll Call was taken, which resulted as follows:

Yea: Mayor Donchess, Commissioner Pappas, Commissioner Moriarty, 5
Commissioner Ackerman, Commissioner Teas

Nay: 0

MOTION CARRIED: Unanimously

MOTION: Commissioner Pappas to seal the minutes from the Board of Public Works non-public session of February 8, 2018, until such time as the majority of the Board votes that the purpose of confidentiality would no longer be served.

SECONDED: Commissioner Moriarty

MOTION CARRIED: Unanimously

Administration

A. MOTION: Commissioner Moriarty to approve the proposed 2018 regular meeting dates for the Board of Public Works.

SECONDED: Commissioner Ackerman

MOTION CARRIED: Unanimously

Director Fauteux

Would the Board be available to have a budget meeting on February 22, 2018, from 9:00 a.m. to 12:00 noon?

Commissioner's Pappas, Moriarty and Teas confirmed that they could attend and Commissioner Ackerman replied that he would get back with Director Fauteux after checking his work schedule.

B. Vote – Vice Chair to the Board

Commissioner Pappas nominated Commissioner Ackerman for the role of Vice-Chair to the Board.

Commissioner Teas nominated Commissioner Moriarty for the role of Vice-Chair to the Board.

Commissioner Pappas

In the past we have always done like after a couple of years everyone gets a shot at it. I was able to do it eight years ago. I think Kevin may have done it once or twice and I think after Paul Bergeron had been on for two

years he did a stint. As far as the next term goes, I would say to Commissioner Teas that you put your name out there, you put yourself in the line and you get a couple of years under your belt and everyone gets a turn.

Commissioner Teas

As long as Commissioner Ackerman would accept the position of Vice-Chair, I will withdraw my nomination for Commissioner Moriarty for the position of Vice-Chair.

Commissioner Ackerman

I am humbled and would be delighted to serve as Vice-Chair.

Mayor Donchess

Commissioner Moriarty, is your nomination withdrawn?

Commissioner Moriarty

Yes.

MOTION: Commissioner Pappas made a motion to close the nominations.

MOTION CARRIED: Unanimously

Vote on the election of Commissioner Ackerman to the position of Vice-Chair of the Board of Public Works for by voice vote.

MOTION CARRIED: Unanimously

Mayor Donchess declared Commissioner Ackerman duly elected as Vice-Chair of the Board of Public Works.

C. Vote – Chair’s Appointment to the BPW Pension Board

Mayor Donchess

I appoint Commissioner Teas given his background in finance and banking. I think he would be great on the Board. All other employees except for these are in the state’s pension system. The city’s public works employees are in a separate pension system. The pension is about 85% or 88% funded, unlike the State of New Hampshire so it is quite solvent. Your main duties are to help manage the money or at least speak with the people who are managing the money and consider any other issues that come up.

Commissioner Teas

Thank you for the appointment.

Alderman Jette

For the record, I am also the Aldermanic Liaison to the Board of Public Works Pension Board and we had a meeting last week and the people who manage the fund came from New York and they were all smiles but that was before the stock market took a tumble.

Commissioner Pappas

I would agree, normally people try to dodge this bullet but I think Commissioner Teas is custom made for this position.

Commissioner Teas

From a procedural standpoint, how does the connection happen in terms of introduction?

Mayor Donchess

You will be notified of the meetings.

Commissioner Pappas

I think he has to list that when he does his paperwork at the City Clerk's office.

Mayor Donchess declared Commissioner Teas duly appointed to the Board of Public Works Pension Board.

D. Chair's appointment to the Strategic Planning Committee

Mayor Donchess

Commissioner Moriarty, who was very gracious to withdraw his nomination for Vice-Chair of the Board, I think would do a great job on the Strategic Planning Committee, which gets together every couple of months to talk about city priorities.

Commissioner Moriarty

I will accept the appointment, thank you, Mayor.

Mayor Donchess

You will be notified of those meetings as well.

Mayor Donchess declared Commissioner Moriarty duly appointed to the Strategic Planning Committee.

E. MOTION: Commissioner Pappas to change the title of Deputy Manager of Engineering to Deputy City Engineer.

SECONDED: Commissioner Teas

MOTION CARRIED: Unanimously

F. Directors Report

- This is a picture of the Burke Street sewer project in the crosswalks at Newbury & Arlington Streets.
- The subservice infiltration system that was installed on private property on Burke Street.
- Construction inspection – sewer services connection for the Residences at Riverside Landing on Bridge Street.
- Our paving program where our street list for 2018 is being finalized. We are going to pave 23 miles of streets, which is pretty awesome.

- This is a professional photograph of the Stone House at Greeley Park, which is really beautiful.
- The hydro dam at Mine Fall Park. You can see that the dam froze.
- Winter sledding at Roby Park, which is very popular.
- Snowshoeing in Mine Falls Park, we have a snowshoe program on Monday, Wednesday and Friday at 10:00 a.m.
- Skating at Roby Park. We also have skating at Legacy Playground and at North Common.
- Snow removal on West Pearl Street.
- We have had a tremendous amount of potholes with all of the rain and warm temperatures so when we are not plowing snow we are filling potholes. We have seven or eight crews out every day and when it is very cold we are filling it with cold patch, which does not last. When it is warmer and the plants are open we try to use hot asphalt.
- We had two sinkholes, one at Ledge Street and Patten Court and one at Amherst Street and Vernon and we are still working on both of them.
- The HVAC system that we were talking about earlier is 80% complete at the Wastewater Treatment Plant and should be totally completed by the beginning of March.
- The digester cleaning which has been more of a challenge than we expected but we hope that will be completed in the next month.
- Mechanical bar screens that were installed.
- Trash carts in the snowbank, please do not do this. The carts have to be at the edge of the curb.
- We have a new battery basics flyer.
- The landfill will be closed on Monday, February 19, 2018, in observance of President's Day and all trash will be delayed by one day that week.
- We have an internal newsletter. It is something that we started a while back but it had been put on hold and Lauren has brought it back. This is our January newsletter.
- We also have some solid waste calendars available. These are the recycling calendar's that were part of the contest.

Commissioner's Comments

Commissioner Moriarty

Director Fauteux, you mentioned at the last meeting that the Department of Motor Vehicles was moving the inspection stickers, are we moving our landfill stickers?

Director Fauteux

We are. Landfill stickers should now be placed on the right side window.

Mayor Donchess

Concord Street will be on the paving list because it has not been paved in a long time and it has a lot of potholes.

Commissioner Ackerman

At our January meeting, we appropriated some money...the activity was CLD, the consultant reviewing the Canal Street Bridge, is that moving along as planned?

Mr. Dookran

It just got approved by the Finance Committee last night.

Mayor Donchess

Actually, we did not have a Finance Committee meeting last night but it will be approved soon.

Commissioner Ackerman

Once it is approved, because it is an absolute necessity for the City of Nashua, what is the timeframe for the outcome of that, is it two or three months?

Mr. Dookran

We have to do some fieldwork, some borings, and based on that information we have to come up with some designs. It could be several months. I anticipate that it will take the rest of the construction season just to come up with the design. Hopefully the work that they come up with can be done during the winter so the project is not slowed down.

Alderman Jette

As you get ready for the paving project, last fall, as I was campaigning, I was on streets that had been recently paved and people were grateful but they had one complaint which was the streets had granite curbs and when the city repaved the streets the paving was raised so now the granite curb which helped in diverting water, was now shorter. Is there any way of doing it in such a way that the old pavement is ground up and re-used so that the level of the road stays approximately the same as it was before.

Director Fauteux

We certainly do not want to reclaim every road because that would be very expensive. Unfortunately, that is what happens when you repave a road but we will be looking at drainage issues because we do not want to

create any problems. If you look at some of the older streets like Kinsley and West Hollis, you will notice that there is almost no curb reveal on those streets for that same reason.

Alderman Jette

Is it possible to raise the curb in accordance with the pavement being raised?

Director Fauteux

No, that would be very expensive to do.

Mr. Dookran

Years ago when we did not have a budget like we do now, our typical treatment was to just shim and overlay the street, especially residential streets. With a healthier budget, we are able to mill the street and put back the pavement at the existing level. We do not want to lower the street because then we would have to deal with driveways that are higher. The cost to raise curbs cannot be included in the paving project because it is simply not cost effective. Going forward, we will be milling our streets to at least put back the pavement where it was.

Director Fauteux

We will not be milling all of the streets.

Mr. Dookran

If we do not mill the street, at least we will not create new drainage problems.

Alderman Jette

You mentioned the hydroelectric dam and that is in my Ward. People who are in my Ward along the shore of the Nashua River have told me that the level of the river has gone up. Is there a reason for that or is there any way that can be changed.

Director Fauteux

Sarah Marchant, the Director of Community Development, oversees the dams; it is done through the waterways person, Dr. Mineau. I will mention that to them and ask them to reach out to you.

Alderman Jette

At the last meeting, I was talking about the sidewalk plowing in the downtown area and you mentioned that it is the Economic Development people that do that. I just want to say that this last storm they did a much nicer job and I congratulate whoever is responsible for that.

Director Fauteux

I will pass that on to them.

Alderman Jette

I drove by Burke Street and I am not sure if I was actually on the city's property or not but during the discussion of the Performing Arts Center, the Burke Street thing has come up. What is the status of that?

Mayor Donchess

As you know, the project came forward at a cost of \$50 million and that was not approved. We still own the property and the next step is to consider whether to tear down what is there. It was understood that once we got into the garage design that it may not be possible to effectively convert it or upgrade it without a compromised design. We need to get back to the subject of what to do with public works and the first step in that process should be, and we should schedule a presentation pretty soon, is to take a look at what we do have and what we are using and examine the adequacies and or inadequacies of those particular facilities and decide how to move forward. We will be coming to the Board of Public Works with information and an examination of alternatives.

Alderman Jette

Lastly, if anyone is interested in the battery basics flyer, how do they get it, is it on the website?

Director Fauteux

Yes, it is on the Solid Waste Department website and also, copies can be picked up at the Solid Waste Department or at the Administration Department.

Commissioner Pappas

A couple of months back we granted an exception for someone to cut into Manchester Street even though we had recently paved the road...after we pave a road it's five years that people have to come to our Board to get an exception to do that. Apparently, an attorney came and someone had bought a large property that they wanted to sub-divide and I had made my position clear as I am not huge on granting those exceptions but I would appreciate it if everyone drove by Manchester Street. I think it is between Henri Bourque and Royal Oak and my understanding is that they were supposed to pave it curb to curb with a certain amount of frontage and it looks like a really lousy patch job. I hope that is not permanent because it looks terrible. I do know a lot about cutting into roads; my husband handled a matter for Manchester and Concord. Once you cut into a road, it does derogate the road underneath. I would like us to have some sort of vehicle where we can come back and say okay, they have done the patching and they have done it properly. I am also wondering if we may want to put a time limitation on it because if you leave the road open, even partially patched, during an entire winter, then that will do damage to the road and it is a shame. Manchester Street was in terrible shape and we waited a lot of years for that road to be paved and I think given the amount of paving we are going to have to do, we have to figure out a way to say if this Board grants the exception, are there going to be stipulations that say you have to get it paved properly within a certain period of time and how is the Board going to know that has been done.

Mr. Dookran

I am familiar with this situation. The work that was done there for the new subdivision is included with utility work; gas, water and sewer connections. The sewer connections are typically deep. You want to give it a lot of settlement time, especially for the sewer work. The winter is a good time to allow settling. In our own sewer projects, if they are not done early in the year, we let them settle through the winter and we come back in the spring. What you see happening on Manchester Street in the spring is they will have to do the 3-foot cutbacks first on either side of the trench, remove the materials, put in fresh gravel that is 18" deep and then pave it. On top of that, they have to pave the entire street, curb to curb, 20 feet in each direction of where the patch was. In this case, it is a substantial length. When it is all over in the spring, it will be like a brand new street.

Commissioner Pappas

Is there any way that we can be informed of any follow-up that is done?

Mr. Dookran

Yes, I think if we need to report back when these exceptions were given, we can do that on a monthly basis.

Commissioner Pappas

Do you have a sense as to when Manchester Street will be done properly?

Mr. Dookran

My guess right now is that all we are waiting to do in the springtime, as soon as the weather allows us, we will get on it. The developer in this case is one of the most responsible developers in the city and I think before the summer is over it will be restored properly.

Commissioner Pappas

Excellent, thank you.

Commissioner Teas

You said the developer is responsible for that work, did they pledge a letter of credit or a promise to get it done financially?

Mr. Dookran

Yes, all work done on a street by any private entity has to have a bond posted.

Commissioner Teas

Are we assured that financially the work can get done; it is just a matter of the settling.

Mr. Dookran

That is correct. The bond will go through the warranty period, which is one year from completion of the work.

Adjournment

Commissioner Pappas made a motion to adjourn.

Meeting adjourned at 7:38 p.m.