

## REPORT OF THE FINANCE COMMITTEE

MARCH 6, 2019

A meeting of the Finance Committee was held on Wednesday, March 6, 2019, at 7:00 p.m. in the Aldermanic Chamber.

Mayor Jim Donchess, Chairman, presided.

Members of the Committee present: Alderman Michael B. O'Brien, Vice Chair  
Alderman-at-Large Shoshanna Kelly  
Alderman-at-Large Brandon Michael Laws  
Alderman Patricia Klee  
Alderman June M. Caron  
Alderman Linda Harriott-Gathright

Also in Attendance: Dan Kooken, Purchasing Manager  
John Griffin, CFO/Comptroller  
Jeffrey Lafleur, Superintendent of Solid Waste  
Mandeep Gill, Senior Staff Engineer  
Amy Gill, Senior Staff Engineer

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PUBLIC COMMENT - None

### COMMUNICATIONS

From: Dan Kooken, Purchasing Manager  
Re: Purchase of NPD Ammunition

**MOTION BY ALDERWOMAN KELLY TO ACCEPT, PLACE ON FILE AND AUTHORIZE THE PURCHASE FROM EAGLE POINT GUN/TJ MORRIS & SON IN THE AMOUNT OF \$77,924. FUNDS ARE AVAILABLE IN DEPARTMENT 150, POLICE; AMMUNITION AND SUPPLIES ACCOUNT**

### ON THE QUESTION

#### Alderman Laws

You may not have the answer to this question it is just a matter of curiosity for me because I know last year we authorized them to purchase new weapons and they changed caliber from 40 caliber to 9 millimeter. I was wondering if there was a significant savings in the ammunition cost, year over year, as a result of that.

#### Dan Kooken, Purchasing Manager

It is sort of hard to tell, the actual spend on this resupply is bigger than the last one, even though the cost of the ammunition is less, they may have bought more of it.

#### Alderman Laws

Alright.

**MOTION CARRIED**

From: Dan Kooken, Purchasing Manager  
Re: Landfill Gas Expansion Project FY19

**MOTION BY ALDERWOMAN KELLY TO ACCEPT, PLACE ON FILE AND AWARD THE CONTRACT TO SANBORN HEAD & ASSOCIATES, INC., IN THE AMOUNT OF \$28,700. SOURCE OF FUNDING IS DEPARTMENT 168, SOLID WASTE; BOND FUNDS**

ON THE QUESTION

Mayor Donchess

Now Mr. Lafleur is here from the landfill. How about giving us a short explanation of this item?

Jeffrey Lafleur, Superintendent of Solid Waste

Absolutely. Superintendent Jeff Lafleur, Solid Waste. This part of the project is just for the engineering for the design of our landfill gas expansion. This will help control odors, we do this yearly, every year. Right now I am just going for the engineering part of it; probably within the next three months you'll see me coming in for the actual expansion approvals.

Mayor Donchess

Discussion or questions?

**MOTION CARRIED**

From: Dan Kooken, Purchasing Manager  
Re: Setback Barrier Wall Change Order #6

**MOTION BY ALDERWOMAN KELLY TO ACCEPT, PLACE ON FILE AND AUTHORIZE CHANGE ORDER #6 TO THE CONTRACT WITH NORTHEAST EARTH MECHANICS, INC., IN THE AMOUNT OF \$164,655. FUNDS ARE AVAILABLE IN DEPARTMENT 168, SOLID WASTE; BOND FUNDS**

ON THE QUESTION

Mayor Donchess

Do you want to give us an explanation on this?

Mr. Lafleur

Absolutely. As you have probably seen before this is my annual wall expansion for the setback barrier wall from the waste to our residents. It is something that is permitted that needs to happen to separate the trash from the residents. They should be able to start immediately, it helps us gain air space for where our trash is being placed right now.

Mayor Donchess

Discussion?

**MOTION CARRIED**

From: Dan Kooken, Purchasing Manager  
Re: 2019 Paving Program – Arterial Roadways Construction

**MOTION BY ALDERWOMAN KELLY TO ACCEPT, PLACE ON FILE AND, CONTINGENT UPON BOARD OF ALDERMEN APPROVAL, AWARD THE CONTRACT TO BROX INDUSTRIES IN THE AMOUNT OF \$6,853,473. SOURCE OF FUNDING IS DEPARTMENT 160, ADMINISTRATION/ENGINEERING; BOND AND TRUST FUNDS**

ON THE QUESTION

Mayor Donchess

Now we have two Ms. Gills here, believe it or not, we have two engineers both named Ms. Gill. So I don't know which Ms. Gill is on this particular item. Thank you Ms. Gill.

Mandeep Gill, Senior Staff Engineer

Thank you. Hello everyone, my name is Mandeep Gill, I work in Public Works Engineering Department. So this paving program for 2019, this one is for arterial and major roads such as Amherst Street, part of Kinsley Street, East Hollis; those are some of the streets. We estimate it will be approximately 11 to 12 miles of major roads that we plan on paving this year. Brox Industries is the lowest bidder.

Mayor Donchess

Discussion/questions?

Alderman O'Brien

Thank you. Ms. Gill I have heard from a lot of people that the digging up of let's say Kinsley Street and everything else which is one of the arterials that I think is included in this. I try to explain to people that there is a difference between sewer upgrades and electrical upgrades and water upgrades we are trying to get. The comments were that it was always being dug up last year. Can you just give us a very brief, to the people who are just wondering, we are getting close to actually starting to pave them now and everything.

Mandeep Gill, Senior Staff Engineer

Absolutely, that's a very good question. Kinsley Street is one of the oldest streets in the City of Nashua so the infrastructure in terms of utilities is also old. For example Liberty, just because we are paving, Liberty and Pennichuck are taking a lot of interest in upgrading their infrastructure because no one wants to dig in newly paved streets. So they are aware of it that the City wants to pave Kinsley Street, so that's why these utilities, sewer, gas and water are upgrading their infrastructure. All of them cannot go into the street at the same time, so they go one after another. That's why residents see that various utilities are digging into the street.

Alderman O'Brien

Follow up if I may Mr. Mayor. Yes because the common sense approach with us as a City, if we are investing in paving the road, we want a moratorium of anything else, unless it is an acute emergency of digging up what we just spent good money in resurfacing, correct? Is there a 5 year moratorium?

Mandeep Gill, Senior Staff Engineer

Yes there is a 5 year moratorium.

Alderman O'Brien

Thank you Mr. Mayor.

Alderman Harriott-Gathright

My question is, is this a new contractor, because don't we already have a different contractor that is doing the paving?

Mandeep Gill, Senior Staff Engineer

Every year we come up with a set of streets and we advertise it for bidding, so whoever, the way our contracts are written we get the lowest bidder. So last year the lowest bidder was Newport Construction, this year we have advertised a different set of streets so Brox is the lowest bidder for arterial roads.

Alderman Harriott-Gathright

So is the work pretty much the same as what the one that is doing it now? Is there a difference in the work?

Mandeep Gill, Senior Staff Engineer

No just a different set of streets, the work is pretty much the same.

Alderman Harriott-Gathright

Interesting.

Mayor Donchess

There are still streets left over from last year's contract so come Spring you will see Newport out there doing some of the streets left over from the previous year and then also Brox working on streets under the contract we are about to award.

Alderman Klee

I want to comment or piggyback on what Alderman O'Brien had said. We had the same issue in Concord and I understood that each different utility had to go in and do their job and the next one and I would get calls about – they just dug it up, why are doing it again. And I did explain it to them that way so I am glad that it got brought out here again and so on.

I know that Newport did it this past year and they are going to continue. We have had Brox in the past correct and there has been no exceptions or no issues with them correct? Because I like the lowest bidder I want to save as much money as possible, I just want to make sure that we go with the lowest bidder but also the one that is going to do a good job, but we have had them in the past?

Mandeep Gill, Senior Staff Engineer

Yes we have quality control, we set quality control rules and regulations that these contractors follow. We do collect goals and we have plant inspections of the hot mix that comes in. Again we have a set of punch lists when resident calls and complains to us, we share it with the contractor and they go back and fix it. So that's how we close.

Alderman Klee

Follow up. The reason I brought that up was because I know Beauview that one was a street that we've redone a few times because the quality control of the material was kind of sketchy I think, and I hate to use that word because I don't exactly. But I know there was an issue with the material and so on. I just want to make sure this is not the same contractor.

Mandeep Gill, Senior Staff Engineer

No the first time what we did on Beauview was preservation we micro-surfaced it, I agree the quality was an issue but the second time when we went back we milled the old material and put new hot mix. This time we did proper resurfacing, the first time it was preservation, just trying to get additional life out of the street.

Alderman Klee

It didn't last; but I appreciate that thank you.

Mayor Donchess

Anyone else?

**MOTION CARRIED**

From: Dan Kookan, Purchasing Manager  
Re: 2019 Paving Program – Local & Collector Roadways

**MOTION BY ALDERWOMAN KELLY TO ACCEPT, PLACE ON FILE AND, CONTINGENT UPON BOARD OF ALDERMEN APPROVAL, AWARD THE CONTRACT TO SUNSHINE PAVING IN THE AMOUNT OF \$4,350,642. FUNDS ARE AVAILABLE IN DEPARTMENT 160, ADMINISTRATION/ENGINEERING; BOND AND TRUST FUNDS**  
**MOTION CARRIED**

Mayor Donchess

Now are you here on the last item as well?

Mandeep Gill, Senior Staff Engineer

Yes HSI.

Mayor Donchess

But is Amy Gill here on the two in-between? Why don't you just stay there and why doesn't Ms. Amy Gill come up.

Alderwoman Kelly

That's not confusing at all.

Mayor Donchess

Maybe if we said Ms. Mandeep and Ms. Amy, maybe we'd be able to keep it straight more easily.

From: Dan Kooken, Purchasing Manager  
Re: 2019 CIPP Lining Project

**MOTION BY ALDERWOMAN KELLY TO ACCEPT, PLACE ON FILE AND, CONTINGENT UPON BOARD OF ALDERMEN APPROVAL, AWARD THE CONTRACT TO KENYON PIPELINE INSPECTION, LLC, IN THE AMOUNT OF \$2,825,135. SOURCE OF FUNDING IS DEPARTMENT 169, WASTEWATER; BOND FUNDS**

ON THE QUESTION

Mayor Donchess

And if you could briefly explain what the lining does and how it differs from replacement of a sewer line and the difference in cost that would be, I'm sure, enlightening.

Amy Gill, Senior Staff Engineer

Thank you. Ms. Amy Gill from Engineering. This project is the annual lining project that the City puts out to address aging and deteriorating sewers. What the City is trying to do in order to use the most cost effective approach in taking care of our aging and deteriorating mains is to use trenchless technology to put in in fact the liner that goes inside the existing sewer that is in the ground as opposed to digging up the pipe and replacing it. The lining entails a fabric that is impregnated with an epoxy material that, it's like an inside out sock, you push the inside out sock through the existing sewer in the ground and then they heat up that pipe and it becomes a hardened structure around the pipe that is in the ground. Essentially there is no digging up of the roadway at all, so therefore you don't have any street repair, but you do get a sewer that is structurally sound.

Mayor Donchess

And the cost of this is significantly less than replacement?

Amy Gill, Senior Staff Engineer

Correct. When you replace of course you have to dig a trench that is typically, depending on the size of the pipe, 8 to 10 feet wide and then you have to excavate and replace the fill and the asphalt and sidewalks and curbing and other things that may be in the way of the sewer when you excavate. When we do do the lining project we also do address the manholes. If they are aging as well, we do a lining of those usually with either epoxy material or cement lining in order to keep the integrity of that as well.

Alderman Kelly

Thank you. Does it extend the life of the sewer before replacement and how long?

Amy Gill, Senior Staff Engineer

Typically Trenchless Technology has been around for 50 years. They say, because people are using it more and more, they say 50 to 60 years but it wouldn't be unusual to get more than that. They haven't been in the ground long enough to know.

Alderman Klee

Thank you. I know that in the City as you said we have the aging sewage and I know we have done some work on some of them. I apologize, I was trying to look for this earlier today, how many miles are we planning on doing, like with the streets, how many miles are we planning on doing and how many years are we planning on doing it over? I would assume that we've got a long time, just because with our streets we are doing 11 miles or something.

Amy Gill, Senior Staff Engineer

Correct. This year it is scheduled, with this lining project, to do approximately 4.2 miles of lining of the sewers and again those are the older sewers which are the downtown area. Again we like to use the lining there the trenchless technology because you don't interfere with any of the utilities in the ground. We do work together with the paving program, we always check the sewers before we do pave a street. If it is a suspect sewer, then therefore we do try to do the maintenance on it.

Alderman Klee

Follow up? I know some of the streets that we worked on like for instance Concord Street and so on I know there was some sewer work being done. Did you do the lining on those or did you actually ... I know you had to remove a lot of the tops and so on of them because I got complaints they were on people's lawns.

Amy Gill, Senior Staff Engineer

So with the older infrastructure in the City there was a certain period where for the manhole covers, there was an area where the City of Nashua is unique and that they used triangular manhole covers.

Alderman Klee

Those are in my neighborhood.

Amy Gill, Senior Staff Engineer

Yes that's right and those manholes are no longer compliant with the standards that are required for people to get in and out of the manholes. Those are replaced during a lining project as well as the paving project. On Concord Street you did have some very old sewers there. Prior to how we determine if we have to line or excavate is we do a sewer assessment, generally with a cc, close circuit TV and we put those into the sewers to examine it to see what type of rehabilitation would be necessary and on Concord Street some of the sewers were very old but they were in excellent condition. So we didn't have to do much rehabilitation with those.

Alderman Klee

Thank you.

Alderman O'Brien

Glad that you mentioned the triangular shapes being a former fire fighter the confined space in a rescue situation totally bad. But it is interesting to note that we were probably the only City I think that had the triangular so the novelty, I laugh every single time I drive over one. I would be interested in one, you know, because they are a novelty. I think Public Works was selling them at one time.

Amy Gill, Senior Staff Engineer

Well in order in our efforts to recycle materials they are donated to the Nashua Historical Society, they take quite a few of them and they are available for purchase usually through them, is my understanding. That's how I know it is typically done.

Alderman O'Brien

Very good.

Alderman Laws

The lining goes inside of the sewer, correct?

Amy Gill, Senior Staff Engineer

Yes it goes, you will take a manhole and drop the lining inside the sewer and then it's like I said ...

Alderman Laws

And it fills up the sewer. Does it affect flow rates is my question.

Amy Gill, Senior Staff Engineer

It actually improves the flow rate, while you lose the diameter of the pipe ever so much say in a 15 inch pipe the inner diameter may be reduced approximately an inch/inch and a half. There is a flow rate value that is increased because the interior pipe is no longer a rough surface as you have a pipe, but now you have a smooth practically plastic pipe which you have when it is all cured and that helps with the velocity of the flow.

Alderman Laws

That's great. Especially for downtown where flow rates are an issue with a lot of businesses, this might actually help them.

Amy Gill, Senior Staff Engineer

Yes actually because it is a much smoother surface, the calculations for flow tend to increase a little bit.

Alderwoman Kelly

I had two, I am going to try to remember the second one by the time I'm done with the first one. Oh I remember, so question one, are we ever able to line it more than once or is it just a one time and then you have to replace it?

Amy Gill, Senior Staff Engineer

I am not aware of any pipes yet that have been lined twice. The philosophy that we are trying to use with the City is we are trying, we are working with lining companies, this is our second, or third lining contract and we are trying to do as many pipes as possible. There is a range of condition when we are going into the pipes, some have more severe cracking than others.

We do line the pipe once no matter how significant the problems are, but we do feel if there is an area, for instance we lose the shape of the pipe and therefore its structural ability, we wouldn't be able to line that a second time but we would actually probably have to excavate and then replace it with a new pipe.

Alderwoman Kelly

Follow up? My second question was whether we ever go in after we've looked it by camera and realized that it can't be lined that is much further gone than we expected?

Amy Gill, Senior Staff Engineer

Yes and that is why we turn those, coming up you will see a small replacement contract. And then we do find that there are certain pipes, certain material, concrete in particular can deteriorate to a point where you can't line it and then we have to replace it. We are trying to do with this lining contractor as well you may see there are some places where they may be sections say in a 150 foot reach, we are repairing a certain 10 foot or maybe 5 to 8 foot section of a pipe so we can line the rest of it, that is still less expensive than replacing the whole segment of pipe.

Mayor Donchess

Anyone else?

**MOTION CARRIED**

From: Dan Kooken, Purchasing Manager  
Re: 2019 Sewer Replacement Construction

**MOTION BY ALDERWOMAN KELLY TO ACCEPT, PLACE ON FILE AND, CONTINGENT UPON BOARD OF ALDERMEN APPROVAL, AWARD THE CONTRACT TO N. GRANESE & SONS, INC., IN THE AMOUNT OF \$1,001,888. FUNDS ARE AVAILABLE IN DEPARTMENT 169, WASTEWATER; BOND FUNDS**

ON THE QUESTION

Mayor Donchess

Discussion? Now these are sewer replacements, this is a sewer replacement contract so based on what Ms. Gill told us, of course, it is sewer that is too deteriorated to line.

Amy Gill, Senior Staff Engineer

Correct. And as the Mayor discussed about the cost comparison, you can see in this item, we are only doing about 1,300 linear feet of sewer to replace. It is also very deep pipe in the downtown area that also adds to the cost. As compared to the lining contract, which is just under \$3 million dollars but we are doing 4.2 miles of rehabilitation as compared to a million dollars here for 1,300 feet.

Mayor Donchess

So this is costing about \$4 million dollars a mile approximately where the lining is costing more like half a million a mile or \$600,000.00 a mile, something like that.

Amy Gill, Senior Staff Engineer

And again with the replacement it is depth of the sewer too that can really increase the cost.

**MOTION CARRIED**

Mayor Donchess

And now I think that's it for Ms. Gill and now we are back to Ms. Mandeep Gill I believe for the last item.

From: Dan Kooken, Purchasing Manager  
Re: Pavement Management Engineering Services

**MOTION BY ALDERWOMAN KELLY TO ACCEPT, PLACE ON FILE AND AWARD THE CONTRACT TO HAYNER/SWANSON, INC., IN THE AMOUNT OF \$462,435. SOURCE OF FUNDING IS DEPARTMENT 169, WASTEWATER; BOND FUNDS**

ON THE QUESTION

Mayor Donchess

Do you want to review what this contract will do?

Mandeep Gill, Senior Staff Engineer

Sure, this year as you all are aware we have undertaken an extensive paving program that includes three major contracts; two from this year and one from last year. The two that are as they are \$6.85 million contract with Brox to pave major and arterial roads. The second contract is \$4.35 million contract with Sunshine to pave local roads and the federal contract which is almost \$4.4 million from last year which Newport will be handling.

So with these three contracts that will be actively working on this year spring through fall, we need additional help because at Public Works there are only 3 people who are actively involved with the paving program. So for additional help we actually always lean to HSI, they have worked with us in the past also. So they basically help with overall management, project coordination, construction administration and observation.

**MOTION CARRIED**

UNFINISHED BUSINESS – None

NEW BUSINESS – None

RECORD OF EXPENDITURES

**MOTION BY ALDERWOMAN KELLY THAT THE FINANCE COMMITTEE HAS COMPLIED WITH THE CITY CHARTER AND ORDINANCES PERTAINING TO THE RECORD OF EXPENDITURES FOR THE PERIOD FEBRUARY 16, 2019 TO FEBRUARY 28, 2019**

**MOTION CARRIED**

GENERAL DISCUSSION – None

PUBLIC COMMENT – None

REMARKS BY THE ALDERMEN – None

NON-PUBLIC SESSION

**MOTION BY ALDERWOMAN KELLY THAT THE FINANCE COMMITTEE GO INTO NON-PUBLIC SESSION BY ROLL CALL PURSUANT TO RSA 91-A:3,II(E) FOR CONSIDERATION OF PENDING CLAIMS OR LITIGATION WHICH HAS BEEN THREATENED IN WRITING OR FILED AGAINST THE PUBLIC BODY**

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

Yea: Mayor Donchess, Alderman O'Brien, Alderwoman Kelly, Alderman Laws  
Alderman Klee, Alderman Caron, Alderman Harriott-Gathright 7

Nay: 0

**MOTION CARRIED**

*The finance committee went into non-public session at 7:27 p.m.*

**MOTION BY ALDERWOMAN KELLY TO COME OUT OF THE NON-PUBLIC SESSION AND RETURN TO THE FINANCE COMMITTEE MEETING  
MOTION CARRIED**

**MOTION BY ALDERWOMAN KELLY THAT THE FINANCE COMMITTEE SEAL THE MINUTES OF THE NON-PUBLIC SESSION BY ROLL CALL UNTIL SUCH TIME AS THE MAJORITY OF THE COMMITTEE VOTES THAT THE PURPOSE OF THE CONFIDENTIALITY WOULD NO LONGER BE SERVED**

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

Yea: Mayor Donchess, Alderman O'Brien, Alderwoman Kelly, Alderman Laws  
Alderman Klee, Alderman Caron, Alderman Harriott-Gathright 7

Nay: 0

**MOTION CARRIED**

ADJOURNMENT

**MOTION BY ALDERMAN O'BRIEN TO ADJOURN  
MOTION CARRIED**

The Finance Committee meeting was adjourned at 8:58 p.m.

Alderwoman-at-Large Shoshanna Kelly  
Committee Clerk