



Board of Public Works Meeting of January 28, 2021

Agenda

A meeting of the Board of Public Works is scheduled for Thursday, January 28, 2021 at 5:30 p.m. via Zoom Video Conference Call.

To listen to the meeting call (929) 436-2866 - Meeting ID: 932 4841 1694, Password: 163524. To join the Zoom Meeting by video:

<https://zoom.us/j/93248411694?pwd=U3R5dlkzVzVJN29DRjRNeUowOGRvZz09>. If you experience difficulty connecting to the meeting, please call (603) 821-2049.

I. Roll Call

II. **Motion:** To approve the agenda as presented.

III. **Motion:** To approve the minutes of the Board of Public Works Meeting of December 17, 2020.

IV. Public Comment

V. Aldermanic Referrals

A. **R-21-106** - Authorizing the Mayor and City Treasurer to issue bonds not to exceed the amount of two million seven hundred thousand dollars (\$2,700,000) for various improvements at the Solid Waste Department Four Hills Landfill and the purchase of two refuse trucks.

B. **R-21-107** - Authorizing the Mayor and City Treasurer to issue bonds not to exceed the amount of five million one hundred fifty thousand dollars (\$5,150,000) for the city's Sewer Infrastructure Program.

VI. Wastewater Department

A. **Motion:** To approve the contract with Mass Crane Corporation of Tyngsboro, MA in an amount of \$47,280 for replacing the dry well hoist in the raw sewage pump room at the Nashua Wastewater Treatment Facility. Funding will be through: 160 Wastewater; Fund: WERF; Account Category: 71-Equipment.

B. **Motion:** To approve the contract with Woodard Curran to prepare plans and specification for the Phase II Pump Station Upgrades rebid in an amount not to exceed \$42,500. Funding for this contract will be through Department: 169 Wastewater; Fund: SRF Loan, Activity: Pump Station Upgrades Phase II.

VII. Engineering Department

- A. Motion:** To approve the Residential and Commercial Wastewater Service Permits and Fees as submitted.
- B. Motion:** To approve the following Pole License Petitions: PSNH # 21-1336, PSNH #21-1555, PSNH # 21-1558, PSNH # 21-1559.
- C. Motion:** To approve a Drainlayer’s License for Emergency Sewer & Drain Repair, LLC, of Newton, NH in accordance with Nashua City Code §255-19 Issuance of Drainlayer's License.
- D. Motion:** To approve a Drainlayer’s License for Sequel Development and Management, Inc. of Nashua, NH in accordance with Nashua City Code §255-19 Issuance of Drainlayer's License.
- E. Motion:** To approve the hardship waiver request from Liberty Utilities to excavate in moratorium streets for Grade 2 leak repairs through Calendar Year 2021.
- F. Motion:** To approve the engineering services contract for tasks required by the EPA MS4 Permit with Hazen and Sawyer, PC of Manchester, MA in an amount of \$187,550. Funding will be through Department: 169 Wastewater; Fund: Wastewater; Activity: Stormwater Abatement.
- G. Motion:** To accept as finally complete, Federal paving project Nashua 41049 - Paving Amherst Street, Somerset Parkway, Broad Street, and Kinsley Street.
- H. Informational:** Street Opening Permits issued for Streets in Moratorium.

VIII. Administration Department

- A. Informational**
 - i.** DPW Facility Update
 - ii.** Director’s Report

IX. Commissioner’s Comments

X. Personnel

- A. Motion:** To approve and unseal the nonpublic minutes for Personnel from the Board of Public Works Meeting of December 17, 2020.
- B. Non-Public Session**

XI. Possible Non-Public Session

**Board of Public Works Meeting
Meeting Minutes
December 17, 2020**

A meeting of the Board of Public Works was held on Thursday, December 17, 2020 at 5:30 p.m. via a Zoom Conference Call.

Mayor Donchess

As Chairperson of the Board of Public Works, I find that due to the State of Emergency declared by the Governor as a result of the COVID-19 pandemic and in accordance with the Governor's Emergency Order #12 pursuant to Executive Order 2020-04, this public body is authorized to meet electronically.

Please note that there is no physical location to observe and listen contemporaneously to this meeting, which was authorized pursuant to the Governor's Emergency Order. However, in accordance with the Emergency Order, I am confirming that we are:

A) First: Providing public access to the meeting by telephone, with additional access possibilities by video or other electronic means: We are utilizing Zoom through the City's IT Department for this electronic meeting. To access Zoom, please refer to the agenda or the City's website for the meeting link. To join by phone dial: 1-929-436-2866. The Meeting ID is: 955 3514 5238 and the password is: 488244. This meeting is being recorded and will be shown on Channel 16 for public viewing at a later time.

B) Providing public notice of the necessary information for accessing the meeting: We previously gave notice to the public of the necessary information for accessing the meeting, through public postings. Instructions have also been provided on the City of Nashua's website at www.nashuanh.gov and publicly noticed at City Hall and at the Department of Public Works Administration Building at 9 Riverside Drive.

C) Providing a mechanism for the public to alert the public body during the meeting if there are problems with access: If anybody has a problem accessing the meeting via phone, please call 603-821-2049 and they will help you connect or via Zoom, same thing.

D) Adjourning the Meeting if the public is unable to access the meeting. In the event the public is unable to access via the phone number mentioned, the meeting will be adjourned and rescheduled. Please note that all votes that are taken during this meeting shall be done by roll call vote.

Let's start the meeting by taking a roll call attendance. When each member states their presence, they should also state why they are not physically present for the meeting and whether there is anyone in the room with you during this meeting, which is required under the Right-To-Know Law. Would you please call the roll?

I. Roll Call:

Mayor Donchess

I am here, and I am socially distanced because of the pandemic and I am alone in the room.

Commissioner Teas

Present, I am participating remotely because of the pandemic, I am alone in my home office and the door is closed.

Commissioner Tracy Pappas

I'm at home in a room by myself with the door closed and I am social distancing due to the Coronavirus.

Commissioner Kevin S. Moriarty

Yes, I am present, sitting in my office by myself, I am as well, social distancing due to the Coronavirus pandemic.

Commissioner Shannon Schoneman

I am here, I am attending remotely due to the Governor’s Emergency Order and I am alone in this room in my house.

Also Present:

- Ms. Lisa Fauteux, Director, Division of Public Works
- Mr. David Boucher, Wastewater Superintendent
- Ms. Carolyn O’Connor, Finance Manager
- Mr. Jeff LaFleur, Superintendent Solid Waste
- Mr. Dan Hudson, City Engineer

Mayor Donchess

Alright, everyone is present. The first item is the approval of the agenda?

II Motion: Commissioner Moriarty made a motion to approve the agenda as presented:

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

Yea: Mayor Donchess, Commissioner Teas, Commissioner Pappas, Commissioner Moriarty & Commissioner Schoneman	5
Nay:	0

MOTION CARRIED 5 – 0 – 0

Mayor Donchess

Motion passes. Next item is the approval of the minutes of the last meeting of the Board of Public Works on November 19. Commissioner Teas?

Commissioner Teas

I will have to defer, I am experiencing a technical difficulty at the moment, but I’ll be able to get my package up shortly.

Mayor Donchess

Commissioner Schoneman?

I. Motion: Commissioner Schoneman made a motion to approve the minutes of the Board of Public Works

Meeting of November 19, 2020:

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

Yea: Mayor Donchess, Commissioner Teas, Commissioner Pappas,
Commissioner Moriarty & Commissioner Schoneman 5

Nay: 0

MOTION CARRIED 5 – 0 – 0

Mayor Donchess

Motion passes. The next item is the approval of the minutes of the November 23rd meeting? Commissioner Moriarty?

II. Motion: Commissioner Moriarty made a motion to approve the minutes of the Special Board of Public Works Meeting of November 23, 2020:

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

Yea: Mayor Donchess, Commissioner Teas, Commissioner Pappas,
Commissioner Moriarty & Commissioner Schoneman 5

Nay: 0

MOTION CARRIED 5 – 0 – 0

Motion: Commissioner Schoneman made a motion to approve the minutes of the Special Board of Public Works Meeting of December 4, 2020:

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

Yea: Mayor Donchess, Commissioner Teas, Commissioner Pappas,
Commissioner Moriarty & Commissioner Schoneman 5

Nay: 0

MOTION CARRIED 5 – 0 – 0

VI. PUBLIC COMMENT

Mayor Donchess

The motion passes; next we have public comment. Is there any member of the public who would like to speak to the Board? Please go ahead.

Laura Colquhoun

My name is Laura Colquhoun, I live at 30 Greenwood Drive. I am asking the Board of the Public Works to not approve the Ordinance to increase the sewer usage fee rates because since 2018 through 2020, the taxpayers

have paid \$15 million dollars for the sewer rehabilitation. Why then is the City asking for an additional \$30 million dollars? This is sad because a lot of taxpayers cannot afford to pay this 35% increase. So I am asking the Board to reject it. Thank you, bye.

Mayor Donchess

Thank you very much. Any other member of the public, is there any other member of the public who would like to comment on anything? Please go ahead.

Laurie Ortolano - 41 Berkeley Street

I just want to speak about the sewer potential fee increases, a couple of questions. I would like to try and understand the differences between usage and demand and whether a property owner can really do anything to try and minimize the cost impact of these increases that are being proposed by practicing a better means of conservation? And I don't really know or fully understand the differences between those fees, but I would like to try and understand that. And also, I know some municipalities allow a meter to be put in for sprinkler systems, so when you water I think the water usage that is just lawn watering counts as your sewer usage or into your bill. But it's really not used the same way as in house equipment or even gray water that is being generated, so the processing or treatment of it is completely different.

Do we allow separate metering for sprinkler systems and charge a reduced rate for those? I don't even know what a meter costs so I am not certain how prohibitive it is, but I just happen to know that some municipalities, I believe, allow that. Thank you.

Mayor Donchess

Alright, thank you very much. Any other members of the public? (There were none.). Alright we have an Aldermanic referral, that is Item A under Aldermanic Referral. Commissioner Moriarty?

VII. Aldermanic Referral

- a. **Motion by Commissioner Moriarty:** To provide a positive recommendation to the Board of Aldermen for Ordinance O-20-040 – Increasing Sewer User Fees Rates and Charges.

Discussion

Commissioner Pappas

I was going to let – I've got several questions so I wasn't sure if anyone else want to go first?

Mayor Donchess

Please go ahead Commissioner Pappas.

Commissioner Pappas

Ok I do have several questions, but I mean due to the increases we are asking for, we use acronyms a lot that a lot of folks may not be aware of. So if we can just explain what our WERF what CMOM stands for because in my questions I am using those acronyms and I don't want to confuse folks.

Mayor Donchess

Director Fauteux can you answer that with the meaning of the acronyms?

Lisa Fauteux, Division of Public Works

Yes, actually Frank Ayotte is also on the line, our consultant. The WERF is basically the equivalent of our CERF, it is our Equipment Reserve Fund for Wastewater. And the CMOM is Capacity, Management; Frank do you want to, the rest of the – Frank we can't hear you, Frank you are on mute.

Frank Ayotte

Can you hear me? Yes it's Capacity, Management, Operation and Maintenance Program, the CMOM.

Director Fauteux

And that's being driven largely by our NPDES Permit, our National Pollutant Discharge permit.

Commissioner Pappas

And then I know what WERF means but if someone can just explain because if I have questions that use the acronyms, I don't want to confuse people?

Director Fauteux

It's the Wastewater Equipment Reserve Fund.

Commissioner Pappas

Oh OK, perhaps someone already said that. Ok so I have several questions but I am going to start out with a statement. It was my understanding that every single year we were supposed to have a presentation on where Wastewater is, it wasn't that we necessarily had to raise the rates every year. And I will say one of my first years on the Board it was before our current CFO was appointed. We had a gentleman from Vermont and I think, Mayor Lozeau was brand new, I hope that you guys will give me a little bit of leeway here for history. And the City of Nashua had decided to go to a CSO kind of system rather than separating the sewers, which was much more expensive. I think a lot of times when we see what Manchester charges and that sort of thing, our charges are lower.

But we had decided to treat our Wastewater instead of separating the sewer pipes out from Wastewater. So I think when we compare our Wastewater fees to fees of other municipalities that have chosen to separate those lines, I am not quite so sure that is a great way for us to determine what our costs should be. But it was my understanding that we were supposed to visit this every year. Now when I talked about this, one of the first years I was on the Board, I think it might have been Mayor Lozeau's first year in office and it was right after the Streeter Administration where they had cut the sewer rates and then they hadn't checked the amount of money that was in the funds and we had these expensive projects. So we were really running low on money so we really did have to increase sewer fees quite a bit. But we were careful not to really give folks sticker shock.

But I will say that when we did increase them, I mean they weren't anywhere near the increases that we are asking here, I think it's 20% and 15% so 35% in two years. We had an informational session, I want to say it was like a two hour long meeting. So at the end of that I was able to understand, OK there are our long-term

projects, these are our short term projects and this is really what we should have in savings. We got a really clear picture. And it was a dire picture but I want to say we came up with like maybe a 5 year plan and we did have to raise the rates quite a bit and I wasn't happy with it, but I did it, because it was quite obvious to me that we didn't have any other choice. Part of my problem here is that I feel like we haven't gotten the picture, I want to say since 2016, I may be wrong, and that's an awfully long time. Now I know some would argue that these rates whatever they charge, it doesn't hit someone's budget that much, it's only four times a year it will only affect them, you know, minimally.

The fact is during this global pandemic, folks have lost their job, rents are going up and for individual homeowners, when we hear about people showing up in food lines that normally wouldn't, even though we say this isn't that much money. I feel like groceries aren't a huge part of my budget but you know for folks who are hurting, it can be. And when you think in terms of, you know, that rents may go up if landlords choose to charge more. Other landlords may eat the cost, but some landlords that do renting for a living may not be able to afford to do so. So that was my statement.

I have a couple specific questions and I hope that they are clear. The first one is how is the Wastewater demand charge based on meter size and how is it related to wastewater operations?

Mayor Donchess

Can our consultant answer that, please? Or Dave, Mr. Boucher? Is the consultant on the call?

Director Fauteux

He is; Frank you're still – for some reason we can't hear you and I'm not sure why.

Diane Thibodeau, Executive Assistant

I don't know if you might want to call in as well as be on video on his cell phone?

Director Fauteux

Yeah, can you call in on your cell phone Frank? Dave do you, I don't know if you want to speak to that at all or wait for Frank?

Dave Boucher, Wastewater Superintendent

Yeah I'm not sure if I'll have to get the second part of the question – the part of the question about meter size and that, I don't know what drives the cost of the meter size, if the City has a replacement cost factored in or maintenance cost factored in. But meter size is based on the size of the building, the number of people if it is an apartment building industry or single or two person residential unit. What was the second part of the question?

Commissioner Pappas

Actually that was the second part. The first part of the question is how is the wastewater demand charge based on the size of water meter size related to our operation. I don't know if I am asking that in too complicated of a way. So in other words, obviously we have meter sizes if you have a six unit building, that's going to be a different certainly – when we talk, you know, we are talking about our Pennichuck meters, correct?

Mr. Boucher

Correct

Commissioner Pappas

OK, alright, so obviously if you have a six unit or eight unit apartment building then the water meter size is going to be different. But I'm curious as to how the demand charge is related to our wastewater operations?

Mr. Boucher

It would be, I presume, that it's based off of the demand on the system. Obviously if you have an eight unit apartment there is more demand on the facility itself, the pipelines in the street, there's more wear and tear in these neighborhoods with more water coming through, more waste coming through. When it gets to the facility, obviously there's more water coming from a multi-person residential unit. When it comes to the facility, the more water you give to the facility, the more treatment it needs, the more chemical costs and it takes more capacity away from the facility. So I think it's all based on those multiple things, multiple factors which is why there is a higher charge for the meter charge plus the and you know, and that factors into the fee charge as well.

Commissioner Pappas

OK. I remember a few years back we had – there was a discussion and we made the decision to take, I want to say, somewhere between 2 and 3 employees that used to I think used to be charged from the City Budget from the Street Department and we had decided to make a crew that were paid mostly from wastewater that were supposed to help the clean-up. So my understanding was that their salary would be charged to the wastewater fee. Do we have a sense as to how much we have benefited from those positions?

Director Fauteux

I think Commissioner Pappas what you are referring to is at one point we had moved collection systems over to the Street Department for a period of time that since been moved back to Wastewater Collections System Crew is in Wastewater now. I think that may be what you are referring to.

Commissioner Pappas

Ok, alright, because I thought initially they were paid through Street Department funds.

Director Fauteux

No they were always paid through Wastewater. We had tried something a little bit different and decided that it worked better to have that crew in the Wastewater Department.

Commissioner Pappas

OK. So it looks like our increase is mainly due to debt sewer rehab, it looks like \$30 million and for the CMOM, \$5.2 and then Equipment 17. Is there a report or study in the five year plan for a sewer rehab? It just seems like we spent a lot of money previously that was appropriated for CMOM?

Director Fauteux

Carolyn O'Connor actually is on the line and there was a rate study that was done by Financial Services that details all of that information as needed. But I also want to add that this is really being driven largely by our

permits, two of which we have not even been issued. So we have been working with the EPA on these permits and the requirements of those permits. So that's the challenge really of trying to determine what the rates will need to be. And that could evolve over the next five years because again we don't have those permits yet. One is an MS4 permit and the other one is our Pollutant Discharge Permit. And certain things such as stricter regulations for our Discharge Permit for phosphorus, we now will have to build a facility to treat phosphorus in order to meet our permit. That and also operational expenses are really what is driving this. So it's not a function really of, Jeez, we'd like to have more money in reserve. It is a function of having to be able to meet those new permits, which again we haven't even been issued yet.

We also have a consent decree that we are working through that we are currently testing to see how it works that you mentioned earlier Commissioner Pappas. All of the CSO Programs that we've put into place just to really determine the effectiveness of that and what next steps might be. That's going to also play into the user fees. So this right now is our best guess; but these are things that we need to be able to continue to operate our plant and also to meet the requirements of our permits. So I just want everybody to understand that. And I also want to mention that yes, 20% and 15% do sound like a lot but I do want to put that in perspective in that the quarterly increase for 2021 will be \$15.83 and for 2022 will be \$14.25. So, you know, I think the percentages sound worse than the actual dollar amounts. And these are increases that are needed again, this is a very expensive plant to run. And it's very highly regulated and these are the things that we need to be able to continue to operate our treatment plant. These are not things that are frivolous or nice haves, these are things that are absolutely required. So I just wanted to mention that as well.

Commissioner Pappas

Is the WERF Plan not adequate if we have to fund the equipment outside of this plan?

Director Fauteux

This isn't for funding equipment Commissioner Pappas, the WERF Plan is updated yearly but this isn't equipment that we are funding necessarily. WERF is something that we need to fund as part, certainly as part of the plan, but there are a number of other things that are factoring in like the phosphorous, like the CMOM Program and other things that are requirements of the permits that we will be issued in the very near future.

Commissioner Pappas

And again I guess my final comment would just be to repeat, it's my understanding by Ordinance we are supposed to visit this stuff; we used to do it in July but apparently somehow it was moved to after elections. But once a year, just to visit this so that we know, I mean I feel like I've been on the receiving end of having to do really high increases because we weren't paying attention to what our money situation was. I would certainly beg the Chair of the Board that every year in July we visit this because in the past that was historically when we did it. So those are my questions and comments. Thank you, very much.

Mayor Donchess

Alright, anybody else have comments or questions? Commissioner Teas?

Commissioner Teas

Yes, thank you. So a couple questions; I appreciate Director Fauteux putting into perspective the percentages because on their face that is a very large percentage increase. I don't want to belittle the dollar amount, I mean every dollar counts these days, but thank you for giving perspective. Director, could you share what the historical increases have been and then all the work that is being done now, do we have any sense in what the

work that will need to be done to the infrastructure over the next 5 or 10 years what that might be. And are we going to be faced with similar, larger increases in a couple years or is this kind of a onetime boost to fund the infrastructure improvement. I'd like some perspective on that, please?

Director Fauteux

I do not have with me, Commissioner Teas, the historical increases. We certainly could get that to the Board though, that's not a problem. And as far as increases in the future, I would expect we will need increases in the future. The EPA continues to create more and more stringent regulations for treatment for wastewater treatment plants so I do expect that. And we certainly, to Commissioner Pappas' point, we can give regular updates. I don't right now, we are still waiting for our permits to be issued. So there could be additional requirements that will be placed upon us and I don't necessarily have the answer to that. I also don't have the answer to our consent decree what EPA will require. We are still negotiating through that and trying to close that out. We are hoping that we will have, once wet weather is running efficiently which should happen here in the next month or two, we hope, at that point, our whole CSO Program will be working pretty efficiently and there will be minimal work left to do. But we won't know the answer to that until we can test the whole program.

There are a lot of things that we just really need to see how they play out. But we are monitoring everything very closely, we are working very closely with EPA and we are trying to keep the requirements to a minimum to the best of our ability. But this isn't something that's only affecting Nashua; this is affecting communities all throughout New England.

Commissioner Teas

I appreciate that last piece and again, this is a Federal Mandate, this is not our desire to do something, we need to comply with.

Director Fauteux

That's correct.

Commissioner Teas

Thank you.

Director Fauteux

The only one other thing I would add too is our rates are still much lower than surrounding communities, even with the increases and we are well under the New Hampshire State Average. So I think that's good news for our ratepayers as well.

Mayor Donchess

There was a question about whether the resident, a resident, any resident can separately get a meter and meter their summer usage because some of the water that many people use in the summertime does not go to the sewer system but instead to a garden or yard or something like that.

Director Fauteux

So the demand charge is actually based on winter demand not on summer demand for that very reason, Mayor. So that would not be taken...

Mayor Donchess

Could someone get a meter? Can someone get a meter and use that meter to determine how much goes into the sewer system.

Director Fauteux

I don't know the answer to that.

Mayor Donchess

Well maybe we should look into that.

Carolyn O'Connor, Finance Manager

Excuse me, it's Carolyn O'Connor, the Finance Manager. A meter is not necessary, the City builds their volume, the volumetric use on the winter months. So like the six months towards winter so they don't bill on the usage during the summer.

Mayor Donchess

Oh they bill on winter usage?

Ms. O'Connor

Yes, that's to allow – so the residents don't have to pay the extra to have the meter put in.

Mayor Donchess

Alright, any other Commissioners have questions or comments? Commissioner Schoneman?

Commissioner Schoneman

I have a couple of questions. We are looking at the quarterly and monthly charges for the three years of increases. What is the average meter size that a single family home is going to have? So the meter sizes range from .625 inches to 6+. And where does a single family home fall in that gradient?

Mayor Donchess

Can someone answer that question? How about Mr. Boucher or the consultant?

Mr. Boucher

Yeah, Dave Boucher, Wastewater Superintendent. Your standard resident meter size would be under a 1 inch meter. So if you're looking at your list it would be the first two for a residential. That would be like a single family or a duplex.

Commissioner Schoneman

Ok. And Ms. Orotlano's other question about conservation, personal conversation is there anything that a resident can do to help defray the cost of these or is it just going to be their bill every month, every quarter?

Mr. Boucher

I think there's water conservation things you can do to minimize the amount of usage, water that goes through the meter. I know some of the things that we used to put out there was the standard stuff like when you shower, wet your body, wash your hair, lather up with the water off and then rinse off after. Don't leave the water running while you are brushing your teeth or fill a sink with water, you know, hot water with a pan to do your dishes, rather than letting the water run continuously. So small things like that, minimizing the usage of water in the house.

Frank Ayotte, Consultant Hazen & Sawyer

Also I might add stuff for your toilet that you can actually use ...

Mayor Donchess

Who is this speaking?

Mr. Ayotte

I'm sorry this the consultant, Frank Ayotte from Hazen & Sawyer. I just wanted to add there are items such as being able to take up some of the volume in your water tank of your toilet that can save on the amount of fill up on the tank but still allow you to flush the toilet properly. Dave mentioned the water savers, there are inserts too on the showerhead that will provide you more of a finer spray and subsequent less gallonage down the drain while you shower if shutting off the water between, you know, lathering isn't preferable. So there are methods of conservation. I'd be happy to provide a list to the City if that's what they need.

Commissioner Schoneman

OK.

Mayor Donchess

Commissioner Schoneman, anything else?

Commissioner Schoneman

No.

Mayor Donchess

Alright does any other Commissioner have any questions or comments?

Commissioner Pappas

I just have one quick question for the consultant when he mentioned about the toilet that you can still flush it, is it something that you purchase at like a Home Depot or do you have a plumber put it in? What is it?

Mr. Ayotte

Yeah it's really to take out volume, I think you can probably ask your plumber. Some of the more modern toilets as well have a double switch type system where you can flush for number 1 and flush for number 2, which requires more volume of water. But generally, a plumber may be able to provide a – I've seen it almost made of like plastic. It's almost like a tank insert that can pick up some of that water volume.

Commissioner Pappas

What's it called?

Mr. Ayotte

I don't know if there is a specific name for it; I can provide a list.

Commissioner Pappas

Because I think it might be helpful if this Ordinance does pass, you know, to maybe give a list of suggestions with specifics for folks when they get their wastewater bill and they'd appreciate that.

Mayor Donchess

Anyone else? Questions, Comments? Anything from our consultant or from Mr. Boucher? Any other questions that haven't been asked?

Mr. Ayotte

Just one more, I believe there was a question on traditional well water our rate usage. I think I have that in my slide in one of the last presentations I gave. It was really over a 16 year period and it averaged out to only about a 2% increase in sewer volumetric charges for sewer services and really that's almost equivalent to the cost of living. I think that was a question that was asked.

Mayor Donchess

OK. Alright, well I don't hear any other comments or questions although I can't see everybody on the screen so you need to speak up if you have them. If there is nothing further, could you please call the roll?

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

Yea:	Mayor Donchess, Commissioner Teas, Commissioner Moriarty	3
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Nay:	Commissioner Pappas, Commissioner Schoneman	2
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MOTION CARRIED 3 – 2– 0

Commissioner Teas

Mr. Mayor, I am going to have to apologize, I am having bad internet connectivity, or not internet but computer

connectivity here and my computer keeps crashing. So I am opening up a new laptop so I'd have to defer just again. I'm sorry.

Mayor Donchess

OK. Commissioner Schoneman?

VIII. Solid Waste Department

- A. Motion by Commissioner Schoneman:** To approve Change Order #1 to the contract with Chemsolve Environmental Analysts of Milford, NH for water quality testing and monitoring services at all of the City of Nashua landfill sites for the Solid Waste Department in the amount not to exceed \$29,888. Funding will be through: Department: 168 Solid Waste; Fund: Solid Waste; Account Classification: 55 Other Contracted Services.

Discussion

Mayor Donchess

Discussion? Well could we get, is Mr. LaFleur here?

Jeff LaFleur, Superintendent Solid Waste

Yes Mayor, Jeff LaFleur, Superintendent of Solid Waste. This is our Chemsolve Environmental as you just said, our water quality testing at all of our landfills. This is a three year contract and this is a culmination of exceeding charges over the past three years that DES put upon us for PFAS and PFOA testing. We had to do extra testing that the State mandated. So this \$29,000.00 is spread out over the three years. This is the funding that is needed to complete the three year contract.

Mayor Donchess

Any questions/comments from the Commissioners? (There were none.). Could you please call the roll?

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

Yea:	Mayor Donchess, Commissioner Teas, Commissioner Pappas, Commissioner Moriarty & Commissioner Schoneman	5
Nay:		0

MOTION CARRIED 5 – 0 – 0

- B. Motion by Commissioner Teas:** To approve services from Sanborn Head & Associates, Inc. (SHA), of Concord, NH in an amount of \$30,000 to address New Hampshire Department of Environmental Services (NHDES) comments to the Type 1A permit application for the proposed Phase IV secure landfill expansion. Funding will be through Department: 168 Solid Waste; Fund: Solid Waste; Activity: Expansion Phase 3 and 4.

Discussion

Mayor Donchess

Mr. LaFleur?

Mr. Lafleur

Yes sir, Jeff LaFleur, Superintendent of Solid Waste. This is from Sanborn Head & Associates, these are our consultants that are working on our Phase IV permit that we are anticipating going through. We sent the permit in to DES, they sent back a whole bunch of questions about what we want to do, how do we want to build the landfill. So I have to have these, have Sanborn Head go over all of these questions and answer them professionally for us so we can keep the permit moving forward. This won't be the last amount that we are going to be asking for; this is only for the first section. To complete the permit, it could cost up to another \$200,000.00 with all the meetings and agendas that they are going to have to work with to get this permit approved for our Phase IV at the Landfill.

Mayor Donchess

OK, thank you; questions, comments Commissioners? Commissioner Schoneman?

Commissioner Pappas

No I was going to say Commissioner Schoneman go ahead, I'm sorry.

Commissioner Schoneman

Well as you know, I am new to the Board. I am new to a lot of things that happen and how things work in the City and the Infrastructure. I am having trouble understanding why a letter can cost \$30,000.00. Can you explain it a little better why such an expense is. I understand that you are trying to get the permit; I understand the purpose of it. But can you explain a little bit about how a letter can cost \$70,000.00?

Mr. LaFleur

Well the permit, this the letter answering ... I'm sorry Jeff LaFleur, Superintendent of Solid Waste. This is to answer the questions that DES sent back. So there's a lot of Engineering that has to be done to do some calculations, do some extra reviews to make sure that everything is complete. So it's \$30,000.00 but it is a lot of engineering that is going to be completed to do this work. So it's a lot of hours of work for them.

Commissioner Schoneman

This is different from what we've done just a few years ago in Phase III?

Mr. LaFleur

Yes, this is the permit of Phase IV Landfill which would give us 40 plus years of airspace so we are trying to permit this now so that the regulations don't change on us and we lose airspace.

Commissioner Schoneman

It just must be my inexperience with this sort of thing, but I really don't see how we can spend \$30,000.00 – that's a lot of money for a letter.

Mr. LaFleur

Working with the DES is a very expensive endeavor for the City. When we were going for our permitting for Phase III and reviewing and all of the meetings and the public hearings and everything, it's well beyond the \$30,000.00 that we are spending right now for these questions.

Director Fauteux

I'll just add to that too. Building a landfill is an extremely expensive proposition. We are fortunate that we have the space to be able to permit a Phase IV and secure the future of our waste stream for another 40 years or so. But there's a lot of engineering that goes into any landfill. So this is a completely different situation in that we will be filling between the existing landfills, so there's a lot of information that DES is asking for in terms of the leeching, how is the leeching going to be collected. How is the liner going to be placed. And so our consultant works with DES to try to maximize the airspace for us so that we can get as much space as we can. So it takes a tremendous amount of engineering.

We almost expect that we are going to get a lot of tough questions from DES and then Sanborn Head needs to go back and re-engineer some of those. Now I'm happy to have a workshop sometime to talk about everything that goes into building a landfill, but it is a very, very complex, very expensive process because, of course, we need to make sure that we are protecting the environment. So that's why it is so costly.

Mayor Donchess

Now Commissioner Pappas also had, I think a question, right?

Commissioner Pappas

You know what, I had, actually I think one of them was already, I am just going to clarify, one of them was already answered. I have a couple questions and then right afterwards, after we vote on this, I just had a question for Superintendent LaFleur that I got this week about recycling.

So, I just want to double check, so this is for Phase III and IV. I asked how many years will it buy us? 40 years and that's for Phase III and Phase IV, is that correct?

Mr. LaFleur

Jeff LaFleur, Superintendent of Solid Waste. No, this is just for Phase IV permitting, this is the only part, the funding is coming from the Phase III and I forget what they called it. This has nothing to do with Phase III, this is only permitting Phase IV which would give us 40 years airspace.

Commissioner Pappas

OK because it said expansion, it just said expansion Phase III and Phase IV that's why I asked.

Mr. LaFleur

Yeah that's the funding source, where it is going to come from. But this part, this \$30,000.00 that we are asking for is just specifically for Phase IV.

Commissioner Pappas

And then do you a sense as to when this is going to be approved.

Mr. LaFleur

Well no, this is a long, long process. After we get these questions answered to DES they have a review period, they could take a year to do for the permit. And then after that, after DES approves it, then they have to do public hearings. We have to meet with the public, do all these other approvals and then we get the final blessing of the permit. So this could be another year or two in the making.

Commissioner Pappas

OK, but you think it should be done by 3 years, tops?

Mr. LaFleur

We hope that it will be done in three years, unless there's some unforeseen circumstances at DES where they are shorthanded but yes, we are going forward.

Commissioner Pappas

OK and then once we have that approval in our hands, once we get it approved, if they change the rules?

Mr. LaFleur

We are grandfathered in, once they approve it we are – that's why we are doing it so early right now before the regulations change.

Commissioner Pappas

Ok, alright, gotcha. So those are my questions, so this will buy 40 years. And after we vote on this, as I said, I did have a question from a constituent. And then just for folks listening, you know I find a lot of times we throw around acronyms and items that we are just so used to, just explain what air space is and how we are able to get the best use of it at the landfill, you know, what the steps we take are?

Mr. LaFleur

Sure, sure. Jeff LaFleur, Superintendent of Solid Waste. Air space is the amount of, we do it by cubic yards, it's the amount of trash that we can fit in a cubic area of air space. So if you take a bucket and there's only so much airspace in it, we have to put as much trash or as much of any material in it as we can and we have to compact it in. We try to do the best we can with that. So we bought ourselves the big compactor that, the CAT Compactor and we roll our trash and we compact it as tight as we can to fit it in that specific areas of space. So when we say airspace between the two landfills; the valley, that's what we are going to be filling. We calculate that, you know, that's what the engineers do is they take the volume area and they calculate how much airspace there is. And the calculate how much trash we should be able to fit into that area.

Commissioner Pappas

OK and that's why we buy the expensive compactors to smush the stuff down.

Mr. LaFleur

Exactly to smush it in, to compact it.

Commissioner Pappas

Yeah, OK, thank you.

Mr. LaFleur

Yeah.

Mayor Donchess

Any other questions or comments? I don't hear anyone.

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

Yea: Mayor Donchess, Commissioner Teas, Commissioner Pappas,
Commissioner Moriarty & Commissioner Schoneman 5

Nay: 0

MOTION CARRIED 5 – 0 – 0

Commissioner Pappas

If it's OK?

Mayor Donchess

Go ahead.

Commissioner Pappas

I did have – so do we recycle metal items?

Mr. LaFleur

Yes.

Commissioner Pappas

OK, I got, it was actually we have those Ring Doorbells around and I actually had a resident express a concern and they had put a metal item into the recycling, you know, they bought a cart. And for whatever reason it was rejected and they showed the video of the item being thrown on the lawn. And I understand that we really have had to tighten up with what we allow and don't allow into recycling. And that's was one of the concerns I had before; before we used to pick up, some people would separate their stuff by garbage bag because they thought they were doing the City a favor. And the stuff was kind of tossed on people's property and I think that people kind of take exception to that. I did think we took metal items, but if we have an item and someone has either a recycled, you know, they've invested money in the recycle carts, that maybe people would be less offended if maybe we closed the top of the cart and leave the item on top of it so the person knows for whatever reason it wasn't accepted by recycling. Because I think that people get upset when stuff is just tossed on their property.

Mr. LaFleur

Yes, Jeff LaFleur, Superintendent of Solid Waste. Yes, I agree with you. It depends on what the item was. If it was a microwave ...

Commissioner Pappas

No it was not.

Mr. LaFleur

Well there are specific guidelines of stuff that can go inside the recycling carts and our employees have been told that if it non-compliant to leave it so we can contact the resident or the resident can contact us and ask us why their cart wasn't picked up. If it was just one item, I don't have a problem with my employees taking it out, setting it alongside the cart and dumping the cart; it's better than leaving the cart completely behind. And then the resident only has to take care of that one item that's not acceptable to be in the cart. I just hate leaving carts behind or with acceptable recyclables in it if it is only one item that is not acceptable.

Commissioner Pappas

I fully understand that but what I am saying is, to empty, if they see the one item, they take it out and then they empty the stuff out rather than to toss the stuff on the front lawn. Maybe especially to either close the lid of the recycled cart and maybe put the item on top. I think it may offend people a little bit less, that's just a suggestion.

Mr. LaFleur

OK, I'll take that into consideration. Thank you.

Commissioner Pappas

OK, thanks a whole lot.

Mayor Donchess

Sorry I was muted. Any other comments or questions on this item? Or not, this was just a general question, I'm sorry. Anything else on Solid Waste before we move on to engineering? (There were none.). Alright let's move on to Engineering.

IX. Engineering Department

A. Motion by Commissioner Schoneman: To approve the Residential and Commercial Wastewater Service Permits and Fees as submitted.

Discussion

Mayor Donchess

Any discussion? (There was none.). Could you please call the roll?

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

Yea: Mayor Donchess, Commissioner Teas, Commissioner Pappas,
Commissioner Moriarty & Commissioner Schoneman 5

Nay: 0

MOTION CARRIED 5 – 0 – 0

B. Motion by Commissioner Moriarty: To approve Pole License Petitions: PSNH # 21-1554 and PSNH #21-1539.

Discussion

Mayor Donchess

Any discussion or questions? (There were none.). Could you please call the roll?

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

Yea: Mayor Donchess, Commissioner Teas, Commissioner Pappas,
Commissioner Moriarty & Commissioner Schoneman 5

Nay: 0

MOTION CARRIED 5 – 0 – 0

C. Motion by Commissioner Teas: To consider a hardship request from Crimson Properties, LLC to excavate in West Hollis Street and Wellesley Rd for a 4-lot subdivision project at 599 West Hollis St.

Discussion

Mayor Donchess

Alright there’s a motion, now we are being I believe interrupted by someone who is on the call and is not muted. This happened at the last meeting as well. I think we need to adopt a – if the Director can please look into whether we can create a situation where there’s a waiting room or something so that people extraneous to the meeting can’t be interrupting this way.

Director Fauteux

Mayor we can mute people. Would you like us to do that?

Mayor Donchess

Yes, please. Not the Commissioners, but the other people. They don’t even know that they are on the call I don’t think.

Director Fauteux

I agree.

Commissioner Pappas

Maybe after Public Comment – Oh I interrupted, I'm sorry.

Mayor Donchess

Yeah after Public Comment we should probably mute everyone else. Alright now where were we. We got the Motion from – well we passed Item B, right? So now we are onto Item C which is Commissioner Schoneman.

C . Motion by Commissioner Schoneman: To consider a hardship request from Crimson Properties, LLC to excavate in West Hollis Street and Wellesley Rd for a 4-lot subdivision project at 599 West Hollis St.

Discussion

Mayor Donchess

Alright. Is Mr. Hudson on the call?

Dan Hudson, City Engineer

Yes, thank you Mr. Mayor; Dan Hudson, City Engineer. So in your packet there is a letter from Hayner Swanson addressing this item. It was a four lot subdivision at 599 West Hollis Street that was recently approved by the Planning Board. So they have a number of driveways. There's two driveways on West Hollis Street; one was existing, one proposed. And then there are driveways and utility work planned both Wellesley Road. Both those roads are in moratorium so the request is to allow work in those. Wellesley Road would be reconstructed in accordance with the moratorium ordinances with a mill and the overlay covering areas that are impacted. The West Hollis Street proposal is to, since it is just a driveway tie-in to do the minimal overlap, milling overlap versus the whole roadway as part of our pilot program which we set up at the last meeting. So they would build a driveway and mill one foot, just to tie it in and not encroach on the traveled roadway. So that's the proposal. Tom Zajac of HSI is here was well as Randy Turmel of Crimson Properties, should you have any questions.

Mayor Donchess

Commissioners, any comments or questions?

Commissioner Pappas

I guess no, but nobody else will step in. I just have my same view that when we cut into a road it does lower the life of the road and that's why we have the moratorium and I am very appreciative that the City and the taxpayers of the City, you know, this Mayor and then the taxpayers of the City have enjoyed having this very generous paving program. And I want it to last so I won't be supporting this. Thank you.

Mayor Donchess

Yes, Commissioner Teas?

Commissioner Teas

Thank you. Mr. Hudson, can you share with us what the exact hardship is in this instance?

Mr. Hudson

Sure. It would be delaying the construction of the new homes on the three lots that have been created. So Wellesley Road is 2018 paving so that would expire in 2023 and West Hollis Street actually expires next year, but not until late in the season next year. And perhaps you know, if desired perhaps the applicant can speak more to the hardships that that may create?

Mayor Donchess

Is the applicant in the meeting?

Mr. Hudson

Yes, Mr. Turmel is on.

Mayor Donchess

Mr. Turmel, could we unmute him in case he wants to answer?

Randy Turmel, Crimson Properties, Inc.

I'm here, Randy Turmel, Crimson Properties. I would also probably ask Tom Zajac to speak to that fact. Tom are you available?

Tom Zajac, Senior Engineer, Hayner/Swanson

Yes, I'm here Randy.

Mr. Turmel

OK maybe you could walk us all through the thought process and tell everybody what our goal is?

Mr. Zajac

Sure. For the record, my name is Tom Zajac, I am a Civil Engineer with Hayner Swanson, 3 Congress Street here in Nashua. I am here tonight on behalf of Randy and Crimson Properties. As Mr. Hudson mentioned, this four lot road frontage subdivision was approved earlier this year by the Planning Board. There are actually two homes on the property as it exists today. There is an existing single family dwelling as well as mobile home. Both of those will be removed, but in order to achieve what Mr. Turmel is seeking which is a four lot road frontage subdivision with conforming lots, we do need to provide utility services and driveway connections for

these lots. And as Mr. Hudson mentioned both streets that adjoin this property are currently under moratorium. So the hardship would be having to wait to provide those utility and driveway connections out into the street.

Mayor Donchess

Alright, thank you. Questions again or comments from the Commissioners?

Commissioner Moriarty

I'd like to ask – no never mind I've got the answer, thank you.

Mayor Donchess

Anyone else, Commissioners? (There were none.). If not, could you please call the roll.

A viva voce roll call was taken which resulted as follows:

Yea: Mayor Donchess, Commissioner Teas,
Commissioner Moriarty 3

Nay: Commissioner Pappas, Commissioner Schoneman 2

MOTION CARRIED 3 – 2– 0

D. Motion by Commissioner Moriarty: To approve the use of Daniel Webster Highway traffic corridor funds for a traffic engineering services contract with Vanasse and Associates, Inc. of Andover, MA in the amount of \$7,000. Department: 160 Admin/Engineering; Fund: Trust; Account Category: 53 Professional and Technical Services.

Discussion

Mayor Donchess

Mr. Hudson?

Mr. Hudson

Thank you again. Dan Hudson, City Engineer. So this applicant went through the Planning Board Process, this is BJ's Refueling Station which will be located at 210 Daniel Webster Highway. As that went through the process, they evaluated the impacts of that development and made mitigation for it. But there's some additional work we wanted them to do, an initial engineering study which was looking at the left turn, southbound DW Highway to Adventure Way which had been a problem because it fills up, it's not long enough it fills up. So as a longer term thing we wanted to know how long that should be to plan for future construction projects. There are some future developments in the area which probably contribute to that.

As part of that Planning Board process we asked them to make a contribution towards that study and they agreed to do that so they will be depositing the money for this item into the DW Highway Corporate Fund and we are

asking for approval that would draw that for the purposes that we requested that they make contribution. So there will be no taxpayer cost for this item given that they are making a contribution to us, that's the cost.

Mayor Donchess

Alright, any Commissioners?

Commissioner Pappas

If I may, so \$7,000.00 is that the whole cost, because you said that they will be making a contribution towards. What is the whole cost of the traffic study?

Mr. Hudson

Sorry, I shouldn't have used the word "contribution", the \$7,000.00 is the whole cost for what we are asking for. They have made additional contributions; the next item is going to be another one which I will speak to when that comes. And then they also made a \$30,000.00 contribution to the Corridor Fund in general which was intended to be kind of their contribution towards a future left turn lane construction. So they've made a few different contributions to try to help the City meet its needs in that area.

Commissioner Pappas

OK, thank you.

Mayor Donchess

Anyone else? Commissioner Moriarty?

Commissioner Moriarty

Just a question for clarification. I am happy this came before us so we are informed about it but it's less than \$10,000.00 so did we have to approve this? I was just curious about that factor?

Mr. Hudson

Sure, so the reasoning is the fact that the money is in the Corridor Fund and you guys are the agent to expend that and to approve the expenditures from that. You know, through the Planning Board process, it's not easy to create a new account to run something through. That Corridor Fund is set up and this is work created to traffic improvements on the corridor. So we thought it was appropriate for simplicity, to have them contribute to the Corridor and then request that the funding be withdrawn for these purposes.

Commission Moriarty

Thank you.

Mayor Donchess

Anyone else? Alright, could you please call the roll?

A viva voce roll call was taken which resulted as follows:

Yea: Mayor Donchess, Commissioner Teas, Commissioner Pappas Commissioner Moriarty & Commissioner Schoneman	5
Nay: Commissioner Pappas, Commissioner Schoneman	0

MOTION CARRIED 5– 0– 0

E. Motion by Commissioner Teas: To approve the use of Daniel Webster Highway traffic corridor funds for the purchase of a Performance Data Package License from Coastal Traffic, Inc. to be used at the intersection of Daniel Webster Highway and Adventure Way in the amount of \$3,200. Department: 160 Admin/Engineering; Fund: Trust: Account Category: 71 Equipment.

Discussion

Mayor Donchess

Mr. Hudson?

Mr. Hudson

Thank you Mr. Mayor; Dan Hudson, City Engineer. So there is a camera up at that intersection right now that detects vehicles. So that's the purpose of it primarily. But the camera capability are doing some additional things. This funding here is for data performance module which basically is you unlock a license which allows it to do turning movement traffic counts on a continuous basis. Of course, that information is useful for us for tracking trends over time and seeing what the volumes actually are at intersections. It's better than a snapshot in time which you might get from (audio cuts) different counts and things. So I've brought before you before similar camera set ups at other locations and those were the times we asked for this performance module. It's a high profile intersection with a lot counts at and sometimes we don't if that's not necessary. But it is always have the capability to add that in later through purchasing this package which is what we are trying to do at this location.

And again, sorry, this a contribution that was made by the developer, so there's no cost to the taxpayers. This approval would draw the funds for the stated use.

Mayor Donchess

Commissioners? (There were none.). Could you please call the roll?

A viva voce roll call was taken which resulted as follows:

Yea: Mayor Donchess, Commissioner Teas, Commissioner Pappas Commissioner Moriarty & Commissioner Schoneman

Nay: 0

MOTION CARRIED 5 – 0– 0

F. Informational: Street Opening Permits issued for Streets in Moratorium.

Mayor Donchess

Now we have Item F, an informational item. Does anybody have any questions about that or comments? Alright, we will go on to the Administration Department, Item A. Commissioner Schoneman?

X. Administration Department

A. Motion by Commissioner Schoneman: To approve the proposed 2021 regular meeting dates for the Board of Public Works.

Discussion

Mayor Donchess

Anybody have any problems with the proposed dates? (There were none.) Could you please call the roll?

A viva voce roll call was taken which resulted as follows:

Yea:	Mayor Donchess, Commissioner Teas, Commissioner Pappas Commissioner Moriarty & Commissioner Schoneman	5
Nay:		0

MOTION CARRIED 5 – 0– 0

B. Informational

- i.** DPW Facility Update
- ii.** Director’s Report

Mayor Donchess

We have informational items, the facility update if there is anything new as well as the Director’s Report. So I’ll turn it over to the Director.

Director Fauteux

Thank you Mayor. We do not have any updates on the DPW Facility so we will move right to the Director’s Report. Diane if you could pull that up for me?

Commissioner Pappas

If I could ask a quick question, do we have a closing date for the Burke Street Facility?

Director Fauteux

It remains the same Commission Pappas, the end of January, that hasn't changed.

Commissioner Pappas

OK, alright I thought it was January. OK, sorry to interrupt, thank you so much.

Director Fauteux

No, no problem at all. We are looking forward to that date.

Commissioner Pappas

Absolutely.

Mayor Donchess

Let's hope.

Director Fauteux

Yeah, that's being handled obviously by Economic Development and Director Cummings. But I am told that it is still on target. So this first slide is SUR West, making Main Street Roadway repairs between West Hollis Street and Mulberry Street on November 16th, following sewer main replacement as part of our 2020 Sewer Rehabilitation Project. The next is, again, is part of our 2020 Sewer Rehabilitation Contract, SUR West constructed a custom catch basin inlet and that is near Main Street at CVS. The custom nature of that was because of the existing structure and curb location.

This is part of our carryover 2019 paving program work. The Wearing Course on East Hollis Street was installed by Brox Industries subcontractor GMI on November 10th. Again as part of our 2020 paving program, Sunshine Paving installed pavement markings on Birch Hill Drive and Officer James Roche Drive on December 4th. We were able to hold Santa in the Park. I am told we had over 200 kids show up and they had a great time, on December 6th everyone wore masks and kept their distance and had fun. Special thanks to Commissioner Schoneman and her family for volunteering at that event.

Our Annual Downtown Decorations are in place and hopefully making the City a little more festive for residents. We are having a virtual Holiday Home Decorating Contest with Gift Card prizes for the winner, that can be found on our Park & Rec website. The deadline to submit a picture of your home is December 20th. And all pictures will be posted on Facebook, no addresses will be given for everyone to enjoy. I think we currently have about 10 submissions.

This is a picture of a sidewalk that had a sinkhole on Broad Street near Coliseum Ave. We replaced the sidewalk and there's a retaining wall below the sidewalk that created the sinkhole. So we shored up the edge of

the sidewalk and we paved it and that work was done the first week of December. And at our Wastewater Treatment Plant, as part of the solids removal process we rely on polymer which is a compound that helps to separate the liquid from the water. Here you see one of our mechanics making a repair to one of the four polymer pumps we have that feed the screw press.

Solid Waste Employees collected over 1,200 tons of soft yard waste between November 1st and December 4th. Christmas Trees will be picked up curbside between Monday, January 4th through Friday, January 15th. They should be placed curbside, not on snow banks or frozen to the ground and all lights tinsel, stands and ornaments must be removed.

Commissioner Pappas

Can I ask a quick question?

Mayor Donchess

Yes, please go ahead.

Commissioner Pappas

Will we do it both weeks in a row?

Director Fauteux

Yes it will run from Monday, January 4th through Friday, January 15th.

Commissioner Pappas

Right, so if you are one of the early birds, you get it picked up the first time and it's going to be on your regular trash day, right?

Director Fauteux

Yes.

Commissioner Pappas

OK, thank you.

Director Fauteux

Maybe. That's sort of the idea is to put out your regular trash day but that could change Commissioner Pappas. We may do something a little bit different this year, the Street Department may actually be picking up trees so it may not be actually on your trash day, but I would definitely put it out and it will definitely, we will be going through all the routes and picking them up.

Commissioner Pappas

Right put it out and if it snows drag it somewhere in your yard where you can put it back out after it snows, correct?

Director Fauteux

Yes, yes. We are encouraging residents to recycle gift boxes and corrugated cardboard boxes. They could be flattened and recycled instead of putting them in your trash. Excess Holiday trash and bags will also be picked up during the week after Christmas. The extra trash pick-up will run from Saturday, December 26th through Thursday, December 31st. Please place your extra bags curbside, not again on snow banks and at least 3 feet from your trash barrel. Four Hills Landfill will be closed on Friday, December 25th for Christmas Day. Curbside pick-ups for Friday routes will be delayed by one day that week. And then the same holds true for the New Year. So we will be closed on Friday, January 1st and curbside pickups for Friday routes, again, will be delayed by one day. And that's it, any other questions?

Commissioner Pappas

Will the extra trash that people put out for after Christmas, will that be picked up on your regular trash day or not necessarily?

Director Fauteux

Yes, good question Commissioner Pappas, yes it will be picked up on your regular trash day, correct.

Commissioner Pappas

OK, thank you.

Mayor Donchess

Alright, we are now to Commissioner's Comments. Do any of the Commissioners have comments?

XI. Commissioner's Comments

Commissioner Pappas

I do.

Mayor Donchess

Commissioner Pappas?

Commissioner Pappas

It's been a very long, difficult year. And I would say congratulations to the Mayor for making it through COVID himself and for dealing with City issues during this pandemic. And you know a shout out to Commissioner Moriarty for being able to provide his patient services during this tough time when I am sure that it's kind of a close one on one; Commissioner Teas for having started a community bank at a difficult time. And to Commissioner Schoneman, as someone who has made lemonade out of lemons for this year, so this has been a very difficult year. So just a hat tip to Commissioner Schoneman, she actually is a published writer. She has written a book "Too many pockets" and she's published so I just thought that was a really neat thing to do with the extra time we have had during COVID.

Mayor Donchess

Congratulations on the book, I hadn't heard anything about this.

Commissioner Pappas

Well it's published. I think she's got – there's some kind of a web site and then also I think it's on Amazon.

Commissioner Schoneman

It is.

Mayor Donchess

Really?

Commissioner Schoneman

You can search my name or – it's a Children's Book.

Mayor Donchess

What's the name - Children's Book?

Commissioner Schoneman

It's a children's picture book and it's so close to real life in the Schoneman household that I almost had to publish it as nonfiction. It's just a fun little book based on my husband my son and some quirky things that they do. It's just a dream of mine to write. So it was fun.

Mayor Donchess

Well congratulations, that's very good. So what is the title again?

Commissioner Schoneman

"Too many pockets".

Commissioner Moriarty

Mr. Mayor, Too many pockets, you can buy it on E-Bay for \$20.99 and they guarantee delivery by Christmas even.

Mayor Donchess

Really wow.

Commissioner Pappas

I'd have to go knocking on her door, I'm not one of those folks that go into a computer or phone that quickly to find answers like that.

Mayor Donchess

Look it up on Amazon.

Commissioner Schoneman

It's available in E-Book Format as well, which I don't think has the same charm but some people like that.

Director Fauteux

Congratulations, that's exciting.

Commissioner Schoneman

Thank you very much.

Mayor Donchess

You are the first Public Works Commissioner I have ever heard of who is a published writer.

Commissioner Schoneman

That's an accomplishment, it was a lot of fun, a labor of love and the illustrator is also a local Nashua resident. Her kids go to St. Chris' just down the road. So it was something that we always wanted to do.

Mayor Donchess

Who is the illustrator?

Commissioner Schoneman

Her name is Sarah Daugherty. She's quite talented, a graphic artist.

Mayor Donchess

I think Amazon beats eBay, I see it here for \$15.95 on Amazon.

Commissioner Teas

I presume that the cover is probably your husband?

Commissioner Schoneman

Yes they might look a little familiar, it’s essentially nonfiction. So yeah. Thank you, it was fun and thank you Commissioner Pappas for mentioning it. I wouldn’t have done so myself. Autographed copies are available for a small fee.

Mayor Donchess

How much extra for the autograph?

Commissioner Schoneman

Well we’ll see.

Mayor Donchess

Well, again, congratulations. Thank you Commissioner Pappas. Any other Commissioners comments?

Commissioner Teas

I have a comment Mr. Mayor because I switched computers, I don’t have immediate access to the package for the non-public section. So if you call on me I’m going to be ill-prepared again.

Mayor Donchess

Ok. Anyone else? Alright now we have some personnel items. There is at least some confidential information so we would like to do this in Non-Public. Does someone have a motion to go into Non-Public Session.

Commissioner Teas

Believe it or not, I have access to that because it’s on my phone.

XII. Personnel

A. Non-Public Session – Motion by Commissioner Teas that the Board go into Non-Public Session Pursuant to RSA 91A3,2B, The hiring of any person as a public employee, by roll call.

A viva voce roll call was taken which resulted as follows:

Yea: Mayor Donchess, Commissioner Teas, Commissioner Pappas
Commissioner Moriarty & Commissioner Schoneman

5

Nay:

0

MOTION CARRIED 5 – 0– 0

Mayor Donchess

Alright, well we have completed the items on the Agenda. Commissioner Moriarty, is there a motion to adjourn?

Commissioner Moriarty

Mr. Mayor, I apologize, but I move by roll call to seal the minutes of the Board of Public Works.

Motion by Commissioner Moriarty to seal the minutes of the Board of Public Works of December 17, 2020 until such time as the majority of the Board votes that the purpose of the confidentiality would no longer be served, by roll call.

A viva voce roll call was taken which resulted as follows:

Yea: Mayor Donchess, Commissioner Teas, Commissioner Pappas
Commissioner Moriarty & Commissioner Schoneman 5

Nay: 0

MOTION CARRIED 5 – 0– 0

Adjournment:

Motion by Commissioner Moriarty to Adjourn

A viva voce roll call was taken which resulted as follows:

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

Nay: 0

MOTION CARRIED

5-0-0

Meeting Adjourned at 6:56 P.M.



RESOLUTION

AUTHORIZING THE MAYOR AND CITY TREASURER TO ISSUE BONDS NOT TO EXCEED THE AMOUNT OF TWO MILLION SEVEN HUNDRED THOUSAND DOLLARS (\$2,700,000) FOR VARIOUS IMPROVEMENTS AT THE SOLID WASTE DEPARTMENT FOUR HILLS LANDFILL AND THE PURCHASE OF TWO REFUSE TRUCKS

CITY OF NASHUA

In the Year Two Thousand and Twenty-One

RESOLVED by the Board of Aldermen of the City of Nashua that the Mayor of the City of Nashua and the City Treasurer of the City of Nashua are hereby authorized to issue and sell general obligation bonds of the City in an aggregate principal not to exceed two million seven hundred thousand dollars (\$2,700,000). The proceeds of said bonds shall be used for the following improvements and vehicles at the Four Hills Landfill:

<u>Project Description</u>	<u>NTE Amount</u>	<u>Useful Life</u>
Landfill Gas Expansion FY 21	\$1,200,000	20 Years
Solid Waste Equipment Coverage/Storage	\$ 500,000	20 Years
Solid Waste Landfill Scale Replacement	\$ 400,000	20 Years
Two Refuse Trucks FY 21	\$ 600,000	7 Years

The amounts indicated above for each project are estimates and the Mayor may allocate more funds to any one or more of such projects, and less to others, so long as, in the judgment of the Mayor, each of the projects described above can be completed within the total appropriation made by this Resolution.

Pursuant to Nashua City Charter §54-a, this resolution requires a “duly advertised public hearing.” Also see N.H. RSA 33:9, which requires a 2/3 vote for passage of this resolution.

The bonds shall be general obligations of the City of Nashua, payable as to principal and interest from ad valorem taxes, which will be levied without limitation as to rate or amount on all taxable property within the territorial limits of the City of Nashua.

The bonds shall bear the manual or facsimile signature of the City Treasurer and the Mayor. In accordance with Chapter 91 of the New Hampshire Acts of 2005, bonds issued pursuant to this resolution shall not require an authenticating certificate of a bank or trust company doing business in the State of New Hampshire or The Commonwealth of Massachusetts, or the Commissioner of Revenue Administration.

RESOLUTION

R-21-106

The bonds are to be issued in fully-registered form by means of a book-entry system or otherwise and shall have such terms and conditions and be in such form, subject to the provisions of this resolution and applicable law, as shall be determined by the Mayor and the City Treasurer.

RESOLVED FURTHER, that the Mayor is authorized to enter into the required contracts therefor as well as any amendments to be made thereto or any other documentation necessary for the receipt of said funds.

LEGISLATIVE YEAR 2021

RESOLUTION:

R-21-106

PURPOSE:

Authorizing the Mayor and City Treasurer to issue bonds not to exceed the amount of two million seven hundred thousand dollars (\$2,700,000) for various improvements at the Solid Waste Department Four Hills Landfill and the purchase of two refuse trucks

SPONSOR(S):

Mayor Jim Donchess

**COMMITTEE
ASSIGNMENT:**

FISCAL NOTE:

It is anticipated that the bond would be sold in FY 22/23 for a term of twenty or twenty-five years. It is estimated the interest rate will be approximately 2.5% and the total cost of the bond will be approximately \$3,287,250 including interest. The average annual payment will be approximately \$259,000 for the first 5 years and then \$132,000 for year 6 through 20.

ANALYSIS

This resolution authorizes the City to issue and sell general obligation bonds up to \$2,700,000 for various improvements at the Solid Waste Department Four Hills landfill and the purchase of two refuse trucks. These projects can be found in the FY 2021 Capital Improvements Program and CERF list.

Pursuant to Nashua City Charter §54-a, this resolution requires a "duly advertised public hearing". Also see NH RSA 33:9, which requires a 2/3 vote of all the members for passage of this resolution.

This legislation should be referred to the Board of Public Works for its review and approval.

**Approved as to account
structure, numbers,
and amount:**

Financial Services Division

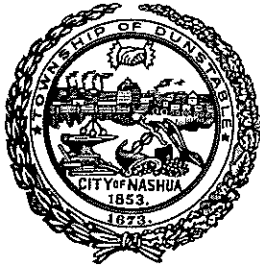
By: /s/John Griffin

Approved as to form:

Office of Corporation Counsel

By: *Donna Clark*

Date: *January 5, 2021*



RESOLUTION

AUTHORIZING THE MAYOR AND CITY TREASURER TO ISSUE BONDS NOT TO EXCEED THE AMOUNT OF FIVE MILLION ONE HUNDRED FIFTY THOUSAND DOLLARS (\$5,150,000) FOR THE CITY'S SEWER INFRASTRUCTURE PROGRAM

CITY OF NASHUA

In the Year Two Thousand and Twenty-One

RESOLVED by the Board of Aldermen of the City of Nashua that the Mayor of the City of Nashua and the City Treasurer of the City of Nashua are hereby authorized to issue and sell general obligation bonds of the City in an aggregate principal not to exceed five million one hundred fifty thousand dollars (\$5,150,000). The proceeds of said bonds shall be used for the Sewer Infrastructure Program project. This project provides for rehabilitation or replacement of broken, obsolete or failing sewer pipes, catch basins and manholes. This program also funds repairs on an emergency basis, due to unexpected sewer failures. The useful life of said program is 50 years.

Pursuant to Nashua City Charter §54-a, this resolution requires a "duly advertised public hearing." Also see N.H. RSA 33:9, which requires a 2/3 vote for passage of this resolution.

The bonds shall be general obligations of the City of Nashua, payable as to principal and interest from ad valorem taxes, which will be levied without limitation as to rate or amount on all taxable property within the territorial limits of the City of Nashua.

The bonds shall bear the manual or facsimile signature of the City Treasurer and the Mayor. In accordance with Chapter 91 of the New Hampshire Acts of 2005, bonds issued pursuant to this resolution shall not require an authenticating certificate of a bank or trust company doing business in the State of New Hampshire or The Commonwealth of Massachusetts, or the Commissioner of Revenue Administration.

The bonds are to be issued in fully-registered form by means of a book-entry system or otherwise and shall have such terms and conditions and be in such form, subject to the provisions of this resolution and applicable law, as shall be determined by the Mayor and the City Treasurer.

RESOLVED FURTHER, that the Mayor is authorized to enter into the required contracts therefor as well as any amendments to be made thereto or any other documentation necessary for the receipt of said funds.

LEGISLATIVE YEAR 2021

RESOLUTION:

R-21-107

PURPOSE:

Authorizing the Mayor and City Treasurer to issue bonds not to exceed the amount of five million one hundred fifty thousand dollars (\$5,150,000) for the city's Sewer Infrastructure Program

SPONSOR(S):

Mayor Jim Donchess

**COMMITTEE
ASSIGNMENT:**

FISCAL NOTE:

It is anticipated that the bond would be sold in FY 22 for a term of twenty or twenty-five years. It is estimated the interest rate will be approximately 2.5% and the total cost of the bond will be approximately \$6,501,800 including interest. The average annual payment will be approximately \$325,000 with the beginning years at a higher amount.

ANALYSIS

This resolution authorizes the City to issue and sell general obligation bonds up to \$5,150,000 for the annual sewer infrastructure program. This project can be found in the Capital Improvements Program.

Pursuant to Nashua City Charter §54-a, this resolution requires a "duly advertised public hearing". Also see NH RSA 33:9, which requires a 2/3 vote of all the members for passage of this resolution.

This legislation should be referred to the Board of Public Works for its review and approval.

**Approved as to account
structure, numbers,
and amount:**

Financial Services Division

By: /s/John Griffin

Approved as to form:

Office of Corporation Counsel

By: *Rowley Clarke*

Date: *January 5, 2021*



THE CITY OF NASHUA

"The Gate City"

Division of Public Works
Wastewater Department

Board of Public Works Meeting of January 28, 2021 **Wastewater Department**

Agenda

A. Motion: To approve the contract with Mass Crane Corporation of Tyngsboro, MA in an amount of \$47,280 for replacing the dry well hoist in the raw sewage pump room at the Nashua Wastewater Treatment Facility. Funding will be through: 160 Wastewater; Fund: WERF; Account Category: 71-Equipment.

B. Motion: To approve the contract with Woodard Curran to prepare plans and specification for the Phase II Pump Station Upgrades rebid in an amount not to exceed \$42,500. Funding for this contract will be through Department: 169 Wastewater; Fund: SRF Loan, Activity: Pump Station Upgrades Phase II.

City of Nashua, Public Works Division

To: Board of Public Works

Meeting Date: January 28, 2021

From: David L. Boucher, Superintendent
Wastewater Department

Re: Drywell Hoist Replacement

A. Motion: To approve the contract with Mass Crane Corporation of Tyngsboro, MA in an amount of \$47,280 for replacing the dry well hoist in the raw sewage pump room at the Nashua Wastewater Treatment Facility. Funding will be through: 160 Wastewater; Fund: WERF; Account Category: 71-Equipment.

Discussion: There are numerous hoists throughout the Nashua Wastewater Treatment Facility used to lift and lower heavy equipment, such as pumps, from one floor to another. Many of these hoists are from original installation and are at the end of useful life. One such hoist, located in the dry well and used to raise/lower the large influent sewage pumps, is in need of replacement. The hoist stills can raise/lower a cable but the electric motor to move the hoist no longer works and it must be pulled using chains. It is cumbersome and difficult to move the hoist by hand with chains especially with a large, heavy raw sewage pump attached.

The project went out to bid on December 8th and two bidders provided bids. Mass Crane was the low bidder with a base bid of \$47,280 and a bid alternate of \$9,569. The second bidder, William Davis, had a base bid of \$84,228.60. The bid alternate is for the installation of a laser system for automatic hoist movement shut off. Due to the high costs of this system it was decided it is not worth the potential benefit of it.

Mass Crane has installed several new hoists at the NWTF and also does inspection/maintenance of existing hoists. Their installations have worked well and they are highly qualified for this project.

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: January 28, 2021

From: David L. Boucher, Superintendent
Wastewater Department

Re: Phase II Pump Station Upgrades Rebid Design Services

B. Motion: To approve the contract with Woodard Curran to prepare plans and specification for the Phase II Pump station Upgrades rebid in an amount not to exceed \$39,500. Funding for this contract will be through Department: 169 Wastewater; Fund: SRF Loan, Activity: Pump station Upgrades Phase II.

Attachments: Woodard Curran Scope of Work and Fee Schedule

Discussion: The Nashua Wastewater Treatment Facility pump station upgrades project, which includes 13 pump stations and one sewer CSO pump station, is being bid in two phases due to the magnitude of the project. Phase I included 6 pump stations and am substantially complete. Phase II upgrade includes the remaining 6 pump stations and one CSO pump station off of Bridge Street.

The original plans and specifications for all the pump stations need to be broken out for the Phase II upgrades. This requires the original design engineer, Woodard and Curran, to strikeout the pump stations completed in the Phase I upgrade plan set and compile the applicable plan sheets just for the Phase II upgrades. Similarly, they need to compile the specification and bid sheet just for the pump stations in Phase II work.

Woodard and Curran will prepare the revised plans and specifications with the goal of bidding this project by April 19th. Their costs were estimated at \$39,500 and includes both design and bidding services. The costs are reasonable considering the time it will take to put together this set and incorporate recent changes from Wastewater Department to original plan set.



EXHIBIT A

PHASE 2 BIDDING SERVICES
PUMP STATIONS UPGRADE PROJECT
NASHUA, NH

BACKGROUND

The City of Nashua has thirteen pump stations of different sizes, types and ages. Like many other cities Nashua decided to review and upgrade all pump stations for reasons including but not limited to: ensure proper and reliable operation to limit sanitary sewer overflows, address failing force mains, meet current safety standards, improve ease of maintenance and accessibility for staff at each station, and take advantage of new technology for the betterment of the community. In many stations, the pumping and controls equipment is beyond its expected life. After an RFQ process and interviews, Woodard & Curran was selected to complete this project to review and upgrade the City's pump stations.

PREVIOUSLY COMPLETED WORK

The first investigation phase of the project was approved by the Board of Public Works in October 2015 and a multiday investigation took place with Woodard & Curran engineers and plant management and staff in November. The summary report for this investigation was delivered in January 2016 and presented to city management and wastewater treatment plant staff on March 9, 2016.

The preliminary design phase of the project was approved by the Board of Public Works in July 2016 and a Design Basis Report (DBR) was delivered to the City and presented to city management and wastewater treatment plant staff in January 2017. The DBR presented the City with recommended upgrade options and estimates of probable construction cost for each station based on preliminary engineering analysis of layout, mechanics, hydraulics and constructability.

The City and Woodard & Curran entered into an agreement for final design services in June 2017. As part of this scope of work, detailed plans and specifications were prepared for the pump station upgrades. These documents were reviewed and approved by New Hampshire Department of Environmental Services (NHDES). The project was advertised for bidders in late 2018 and bids were received on December 4, 2018. The bids received were in excess of the City's budget allocation for this work, so the City wishes to re-bid the project with a reduction in scope in a staged approach. This will require the previously prepared plans and specifications to be updated for the revised project. The project will need to be re-submitted to NHDES for review, followed by a new bid period.

The City of Nashua undertook a similar approach for Phase 1 of the re-bidding scope. This project was re-bid in early 2019 and completed in 2020.

BIDDING SERVICES – DETAILED SCOPE OF SERVICES

The scope of work generally consists of two phases:

1. Update of Design Documents; and
2. Bidding Services

Update of Design Documents

As directed by the City, the design documents will be updated to remove the pump station work which is no longer part of the project. This will include removing unused drawings and specification sections and updating the Table of Contents and Index of Drawings to reflect the changes. Detail call-outs and cross-



references in the specifications will be reviewed and items which are no longer applicable to the project will be removed, struck out or otherwise noted to be “not in contract”. An updated “front end” will be prepared, to include an updated bid form, bid dates, measurement and payment, and summary of work to reflect the revised project.

The updated “Phase 2” bid package will include the previously designed work at the following stations: Northgate, Blackstone, Santerre, Spalding, Harris Preserve, Maurice, and Bridge Street. Designers will review and update the contract documents as needed for the following disciplines:

- Civil
- Architectural
- Structural
- Mechanical
- HVAC
- Plumbing
- Electrical
- Instrumentation & Controls

As part of the updates to the design documents, we will verify that the existing designs meet current building code. New Hampshire changed the version of the International Building Code used statewide in 2019. The 2018 design for the buildings at Northgate, Blackstone & Santerre pump stations will be reviewed against the current code for wind load and other electrical and structural code requirements to verify compliance.

Design of the force main replacement at Northgate will be based on geotechnical data obtained during the previous design work. Brierly Associates will review the previous design and incorporate any updates to the design as necessary.

The design of Marshall Street Pump Station will be revised to abandon the pump station and replace it with a new PVC gravity sewer. These modifications are dependent on the results of a hydraulic model and flow monitoring being performed by others. This work will be included as a bid alternate to the contract.

At Bridge Street CSO station, the incoming service will be modified per the City’s comments received in December 2020, as well as a manual transfer switch and portable generator connection. Design of a new switchgear, or permanently installed generator/automatic transfer switch is not included in the design efforts at this time. The City may wish to upgrade these components of the facility when the incoming electrical service is upgraded.

After the revised Contract documents have been prepared, the documents will be submitted to NHDES for review and approval.

Bidding Services

Bidding service assistance will be provided to the City on an “as-needed” basis and as directed by the City. This assistance could take the form of response to bidder questions or attendance at a pre-bid meeting. The City of Nashua will be responsible for all advertising for the project, opening of bids, and bid evaluation.



FEE SUMMARY

Based on the scope of work listed above, we have estimated the level of effort for each portion of the work as listed in the table below. Billing will be on a “time and materials” basis.

Task	Hours	Budget
Update Design Documents/NHDES Coordination	210	\$37,500
Bidding Services	12	\$2,000
TOTAL	240	\$39,500

PROJECT TEAM & SCHEDULE

We estimate that the modifications to the Contract documents can be completed within one month after receipt of written Notice to Proceed from the City, and approval from the Public Works Board.

The key personnel for this phase of the work is listed below.

Table – Staff Listing

Role	Staff
Principal in Charge	Miles Walker
Project Manager	Jason Jancaitis
Project Engineer	Michael Camadeco
Specifications Review	Sue Hines
Electrical	George Weber
Structural	Jim Sturgis, Sean Tarbox
Geotechnical/HDD	Nick Strater (Brierly Associates)

Additional staff are available to assist in responding to technical questions if required.

Nashua Wastewater Treatment Facility -Pump Stations Upgrades - Phase II
Woodard and Curran

Phase	Phase Description	Principle in Charge	Project Manager	Project Engineer	Specifications Review	Electrical Engineer	Structural Engineer	CADD Technician	Admin	Total Hours per Phase	Total Direct Labor Cost per Phase	Total Indirect Labor Cost per Phase	Total Profit per Phase	Total Labor Cost & Profit Per Phase	Other Direct Expense	Total Labor Cost & Profit & ODC Per Phase
001	Update Design Documents/NHDES Coordination	4	16	40	30	40	40	30	10	210	\$10,067	\$18,624	\$2,869	\$31,560	\$0	\$31,560
002	Bidding Services	2	6	8						16	\$906	\$1,676	\$258	\$2,840	\$0	\$2,840
Total Hours per Category		6	22	48	30	40	40	30	10	226						
Rates		\$75.00	\$62.00	\$48.00	\$40.00	\$57.00	\$49.37	\$38.00	\$26.00							
Total Cost per Category		\$450	\$1,364	\$2,304	\$1,200	\$2,280	\$1,975	\$1,140	\$260		\$10,973	\$20,300	\$3,127	\$34,400	\$0	\$34,400

Direct Labor Total		\$10,973
Indirect Costs	@ 1.85	\$20,300
Subtotal Labor + Indirect		\$31,273
Profit @ 10%		\$3,127
Total Labor and Profit		\$34,400
Sub Consultants		\$5,000
Expenses		\$100
Travel		\$0
Per Diem		\$0
		\$0
		\$0
Total Other Direct Expenses and Sub consultants		\$5,100
Total Contract Price		\$39,500



Board of Public Works Meeting of January 28, 2021 Engineering Department

Agenda

- A. Motion:** To approve the Residential and Commercial Wastewater Service Permits and Fees as submitted.
- B. Motion:** To approve the following Pole License Petitions: PSNH # 21-1336, PSNH #21-1555, PSNH # 21-1558, PSNH # 21-1559.
- C. Motion:** To approve a Drainlayer's License for Emergency Sewer & Drain Repair, LLC, of Newton, NH in accordance with Nashua City Code §255-19 Issuance of Drainlayer's License.
- D. Motion:** To approve a Drainlayer's License for Sequel Development and Management, Inc. of Nashua, NH in accordance with Nashua City Code §255-19 Issuance of Drainlayer's License.
- E. Motion:** To approve the hardship waiver request from Liberty Utilities to excavate in moratorium streets for Grade 2 leak repairs through Calendar Year 2021.
- F. Motion:** To approve the engineering services contract for tasks required by the EPA MS4 Permit with Hazen and Sawyer, PC of Manchester, MA in an amount of \$187,550. Funding will be through Department: 169 Wastewater; Fund: Wastewater; Activity: Stormwater Abatement.
- G. Motion:** To accept as finally complete, Federal paving project Nashua 41049 - Paving Amherst Street, Somerset Parkway, Broad Street, and Kinsley Street.
- H. Informational:** Street Opening Permits issued for Streets in Moratorium.

City of Nashua, Public Works Division

To: Board of Public Works

Meeting Date: January 28, 2021

From: Daniel Hudson, P.E., City Engineer
Engineering Department

Re: Residential and Commercial Wastewater Service Permits

A. Motion: To approve the Residential and Commercial Wastewater Service Permits and Fees as submitted.

Discussion: Below is a list of Residential and Commercial Wastewater Service Permits issued for the period December 1 to December 31, 2020.

Date	Permit No	Location Address	Resident Name/ Company Name	Comments (Residential or Commercial)	Fees	Repair	Entrance	Connection	Betterment
12/1/2020	24047	5 Morse Ave Lot: 6-33 Acct: 1180	Rosemarie E. Mazzone	Residential/ Replacement	\$0.00 (1)	X			
12/1/2020	24048	52 Raymond St Lot: 47-404 Acct: 52476	Jake Noury	Residential/ New Connection	\$295.00		X		
12/4/2020	24049	42 Elgin St Lot: A-444 Acct: 28186	Bernard Barton	Residential Replacement/ Relocation	\$0.00 (1)	X			
12/7/2020	24050	278 Daniel Webster Hwy Lot: A-133 Acct: 4784	278 Daniel Webster Hwy, LLC	Commercial/ Change Use	\$0.00 (2)				
12/17/2020	24051	29 Nottingham Dr Lot: B-663 Acct: 19418	Cara Gagnon	Residential / Replacement	\$600.00	X			
12/21/2020	24052	569 Amherst St Lot: H-650 Acct: 52041	JB Nashua Retail, LLC	Commercial / Increase Use	\$295.00		X		
TOTAL					\$1,190.00				

Notes

1. Sewer service connection repair in easement. Homeowner hired private contractor to complete repair.
2. Reduction in sewer use resulted in credit from previous use, therefore no fee.

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: January 28, 2021

From: Daniel Hudson, P.E., City Engineer
Engineering Department

Re: Pole License Petitions

B. Motion: To approve the following Pole License Petitions: PSNH # 21-1336, PSNH #21-1555, PSNH # 21-1558, PSNH # 21-1559.

Discussion: The Engineering Department received the following pole license petitions:

- PSNH and Consolidated Communications # 21-1336: 770/3-3, 770/3-3-1 for two poles installations on Delude Street.
- PSNH and Consolidated Communications # 21-1555: 1277/2, 1277/4, 894/1, 894/2, 894/3, for five poles installations on Weld Street and Oldfield Road.
- PSNH and Consolidated Communications # 21-1558: 1255/88, 1255/89, 1255/90, 5/56, 5/64, 5/68, 5/70, 5/74 for eight poles installations on West Pearl Street and East Pearl Street.
- PSNH # 21-1559: 1/79-1X, for one pole on Daniel Webster Highway.

The City Surveyor has reviewed the plans and field installations and recommends the approval of these pole license petitions.

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: January 28, 2021

From: Daniel Hudson, P.E., City Engineer
Engineering Department

Re: Drainlayer's License Application
Emergency Sewer & Drain Repair, LLC

C. Motion: To approve a Drainlayer's License for Emergency Sewer & Drain Repair, LLC, of Newton, NH in accordance with Nashua City Code §255-19 Issuance of Drainlayer's License.

Discussion: Emergency Sewer & Drain Repair, LLC, is requesting approval for a Drainlayer's License in accordance with Nashua City Code § 255-19 Issuance of Drainlayer's License. The identified references (Town of Andover MA, Town of Natick MA and City of Haverhill MA) were contacted by phone or email. All confirmed that the applicant has performed sewer service replacement and lining competently.

The Engineering Department finds that the application package and references for Emergency Sewer & Drain Repair, LLC are satisfactory and recommends approval.

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: January 28, 2021

From: Daniel Hudson, P.E., City Engineer
Engineering Department

Re: Drainlayer's License Application
Sequel Development and Management, Inc.

D. Motion: To approve a Drainlayer's License for Sequel Development and Management, Inc. of Nashua, NH in accordance with Nashua City Code §255-19 Issuance of Drainlayer's License.

Discussion: Sequel Development, is requesting approval for a Drainlayer's License in accordance with Nashua City Code § 255-19 Issuance of Drainlayer's License. The identified references (Town of Hooksett, RWC Enterprises, and Manchester Sand & Gravel) were contacted by phone. All confirmed that the applicant has performed sewer service installation competently. However, the applicant has installed only a limited amount of sewer main.

The Engineering Department recommends approval with the understanding that the applicant's work will be closely monitored, and that they will need to prove their proficiency in the course of the work.

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: January 28, 2021

From: Daniel Hudson, P.E., City Engineer
Engineering Department

Re: Liberty Utilities Repair of Grade 2 Gas Leaks in Streets in 5-year Moratorium

E. Motion: To approve the hardship waiver request from Liberty Utilities to excavate in moratorium streets for Grade 2 leak repairs through Calendar Year 2021.

Attachment: Letter from Liberty Utilities dated January 19, 2021

Discussion: At the July 23, 2020 meeting, the Board granted approval for Liberty Utilities Grade 2 leak repairs in moratorium streets through the end of the calendar year. Monthly reporting of these repairs (vs individual approvals), results in a streamlined leak repair process that keeps the Board fully informed about where repairs are occurring, while reducing the time between leak discovery and repair, improving safety.

Liberty Utilities is requesting to renew the streamlined approval process for Grade 2 leak repairs through Calendar Year 2021. All repairs will continue to be made in accordance with City ordinances. All other gas work in moratorium streets will continue to be brought to the Board for independent review.



January 19, 2021

Mr. Daniel Hudson
City of Nashua Division of Public Works Engineering Department
9 Riverside Street
Nashua, NH 03062

RE: Moratorium Excavation for Grade 2 Leaks

Attn. Mr. Hudson:

Liberty Utilities respectfully requests hardship to complete limited excavation for Grade 2 leaks found in moratorium paving areas for the 2021 calendar year. The work to be performed would be in response to Grade 2 leaks discovered this previous winter. The New Hampshire Public Utilities Commission requires that Grade 2 leaks are repaired within six months of their discovery.

Every year, the City provides a proposed list of streets to be paved. Each street on the City's paving list is leak surveyed prior to the beginning of the paving season, and any leaks found at the time are repaired. Unfortunately, Liberty does discover leaks on streets after they are paved and within the limits of the moratorium. Liberty understands that restoration of moratorium paving areas disturbed will need to be completed according to City of Nashua ordinances which include both paving cutbacks as well as grind and inlay restoration.

An annual approval from the Board of Public Works for Grade 2 leak repairs in moratorium streets will allow Liberty to acquire opening permits from the Engineering Department via the standard permitting process as an alternative to presenting each individual leak in front of the Board. Liberty will work with the City's Engineering Department to provide the Board with a monthly update summarizing completed Grade 2 leak repairs. All other gas main work in moratorium streets will continue to be brought to the Board for independent review.

Best Regards,

Brad Marx
Liberty Utilities

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: January 28, 2021

From: Daniel Hudson, P.E., City Engineer
Engineering Department

Re: EPA Municipal Separated Storm Sewer System (MS4) Assistance

F. Motion: To approve the engineering services contract for tasks required by the EPA MS4 Permit with Hazen and Sawyer, PC of Manchester, MA in an amount of \$187,550. Funding will be through Department: 169 Wastewater; Fund: Wastewater; Activity: Stormwater Abatement.

Discussion: The 2017 Municipal Separated Storm Sewer System (MS4) Permit, as issued by the EPA, allows the City to discharge stormwater runoff to waterways in the City. The EPA requires many documents to be generated, city properties to be investigated, stormwater outfalls sampled and annual reporting provided as examples of elements to be completed to comply with the city-wide permit.

In 2020, Hazen and Sawyer, PC (Hazen) assisted the City in developing the Annual Report, a Stormwater Management Plan and an Illicit Discharge Detection and Elimination program (IDDE) as well as completing inspections of over 30 stormwater detention ponds. Hazen's acquired knowledge of the City's system that treats and conveys stormwater to the waterways, and their understanding of the reporting requirements of the MS4 permit, will enable them to complete the required tasks for the City in a timely manner.

The City has been satisfied with Hazen's overall performance to-date and this contract will allow Hazen to continue to assist the City in meeting regulatory requirements such as inventorying city-owned property stormwater discharges, developing Stormwater Pollution Prevention Plans for pollution generating properties, planning outfall sampling, and developing annual reporting.

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: January 28, 2021

From: Daniel Hudson, P.E., City Engineer
Engineering Department

Re: Federal Paving Project Acceptance

G. Motion: To accept as finally complete, Federal paving project Nashua 41049 - Paving Amherst Street, Somerset Parkway, Broad Street, and Kinsley Street.

Discussion: Newport Construction has completed the above project that involved resurfacing Amherst Street, Somerset Parkway, Broad Street, and Kinsley Street. All work was done in accordance with the contract documents and Final Completion was reached on October 15, 2020. The Contractors Final Payment application was submitted on October 23, 2020.

The Engineering Department has reviewed the project, finds it to be complete, and requests final acceptance from the Board of Public Works, as required to close the project.

City of Nashua, Public Works Division

To: Board of Public Works

Meeting Date: January 28, 2021

From: Daniel Hudson, P.E., City Engineer
Engineering Department

H. Informational: Street Opening Permits issued for Streets in Moratorium

Discussion: Below is a list of Street Opening Permits issued for streets in moratorium for the period of December 1 to December 31, 2020.

Date Approved	Permit No.	Excavation Location	Last Paved	Company Name	Type of Work
12/8/2020	20-696	Amherst St @ Airport Rd	2019	Pennichuck Water Works	Emergency Water Main Repair
12/30/2020	20-701	Almont St @ Alan St	2019	Pennichuck Water Works	Emergency Water Main Repair
12/29/2020	20-703	23 White Plains Dr	2018	Liberty Utilities	Grade 1 Leak Repair
12/30/2020	20-704	22 Orlando St	2018	Liberty Utilities	Grade 1 Leak Repair

Board of Public Works Meeting of January 28, 2021

Department Report

Engineering Department

- **2019 Sewer Rehabilitation (Lining).** Kenyon Pipeline Inspection continues to video and line sewer pipes throughout the city. Pipes chosen for inspection and lining are based on the pipes' age, condition and history of previous issues.
- **2020 Sewer Replacement.** SUR Construction West has finished their work for the season and will return in the spring to complete the contract.
- **2021 Sewer Rehabilitation (Lining).** This project will retain a contractor to continue with the city's sewer pipe lining program. Construction documents have been prepared and are set to be released for contractor bidding in January. Work is expected to begin in April.
- **CMOM Phase I Implementation.** The Collection System Operations and Maintenance Manual, Illicit Discharge and Detection Program and Stormwater Management Plan were submitted to the EPA and NHDES on December 31, 2020.
- **Integrated Plan – Long Term Control Plan.** A list of projects related to the wastewater and drainage collection systems and the wastewater treatment facility was generated that identifies proposed new projects, or modifications to ongoing or planned projects, and implementation schedules, so the City can best prioritize capital investments and in the interest of achieving water quality objectives. The list is being reviewed by the both the Engineering and Wastewater Departments.
- **MS4 Stormwater Permit.** In accordance with EPA requirements, an enhanced Stormwater Management Plan and an Illicit Discharge Detection and Elimination Program were submitted to the EPA and NHDES on December 31, 2020. A contract is being negotiated for assistance to complete required tasks for the permit.
- **Nashua Levee.** A meeting was held with the US Army Corps of Engineers (USACE) to discuss the proposed Periodic Inspection of the levee system scheduled for April 2021. A Periodic Inspection is a comprehensive inspection conducted by a USACE multidisciplinary team led by a professional engineer and is typically conducted every five years. In addition, a Risk Assessment review will also be conducted by the USACE this summer.
- **2019 Paving Program (Local/Residential Roads).** Sunshine Paving has completed paving of all of the streets in the contract and is working on punch list items for finished streets. A certificate of substantial completion will be issued by the end of January.
- **2019 Paving Program (Arterial/Major Roads).** Brox Industries has completed paving of all of the streets in the contract and is working on punch list items for finished streets. A certificate of substantial completion will be issued by the end of January.
- **2020 Paving Program (Contracts 1 & 2).** Sunshine Paving has completed paving of all of the streets in the contract and is working on punch list items for finished streets. A certificate of substantial completion will be issued by the end of January.
- **2021 Paving Program Arterial and Collector Roadways.** The first of two paving contracts went out to bid on January 7, 2021. Bids for this contract are due on January 28, 2021. The contract consists of resurfacing around 7.4 miles of Arterial Roadways throughout Nashua. In addition to resurfacing work, the contract will focus on ADA compliance as well as infrastructure improvements.

- **2021 Paving Program Residential Roadways.** The second of two paving contracts is scheduled to advertise for bids on January 21, 2021. Bids for this contract are due on February 11, 2021. The contract consists of resurfacing around 15.3 miles of Residential Roadways throughout Nashua. In addition to resurfacing work, the contract will focus on ADA compliance as well as infrastructure improvements.
- **Federal Aid Paving Project.** Newport Construction has completed all of the paving and sidewalk ramps work in the contract and is working on punch list items on all of the finished streets. We are in the process of completing project closeout documents.
- **2020 Asphalt Testing.** S.W. Cole has completed all of the asphalt testing for the year.
- **Veterans and Taylor Falls Bridges Rehabilitation.** A mutual agreement has been signed to allow cost sharing of design work with the Town of Hudson. Funding has been approved to allow the engineering firm of DuBois & King to begin the design of bridge repairs. Design will progress over the winter and spring with bidding of the construction work expected in late 2021.
- **2020 Sidewalk Program.** Sidewalk reconstruction on East Hollis Street by RWC has reached substantial completion. Curb and sidewalk are complete, some minor landscaping and waterproofing work remains.
- **2021 Sidewalk Program.** Engineering has begun design for this year's program and has a tentative list of projects focused on improving ADA compliance at major road crossings on school access routes. It is anticipated that a sidewalk contract will go out to bid in February.
- **Main Street Crosswalk Improvements.** Engineering is updating design plans for pedestrian safety enhancements at three unsignalized Main Street crosswalks between Water Street and City Hall with intent of them being similar to the pedestrian crossing on the Nashua River Bridge.
- **Factory St Sidewalk/ADA improvements.** Engineering is developing preliminary design plans to address non-compliant ADA tip-downs and pedestrian crossings, insufficient curb reveal, and to accommodate planned future modifications such as the alteration of traffic flow on Water St being switched to one-way in the southbound direction, along with additional on-street parking along both Water St and Factory St.
- **Canal Street Bridge Repairs.** Engineering is working with our consultant Fuss & O'Neill on a construction bid package for repairs to the concrete substructure. Bid schedule will be defined upon resolution of required permitting for the in-river work.
- **Charlotte Ave Elementary School SRTS.** Engineering is providing construction oversight for this NHDOT LPA managed project. Curb, sidewalk, and drainage construction by Northeast Earth Mechanics is complete. The lead time for the school zone flashing beacon radar feedback signs was longer than anticipated; however Northeast now has all the equipment and is ready to install the signs either prior to the start of hybrid school sessions or when installing crosswalk and pavement markings this spring, whichever comes first.
- **Atherton Ave Park (Soccer Fields Project).** Engineering has completed an existing conditions survey, developed a preliminary design, and will be providing layout for the construction of two small soccer fields to replace existing baseball and softball fields. The Parks Dept. is managing the project and construction is anticipated to be performed by the Street Dept. next year.
- **Knowlton Road Drainage Improvements.** Engineering has performed an existing conditions survey and developed a preliminary design for the reconstruction of approx. 500 feet of residential road that has been subject of numerous drainage complaints.

- **Private Development.** Reviews include newly submitted or resubmitted plans for: 546 Amherst St Retail Buildings, 133 Amherst St residential development, West Glenwood St Auto Body Shop, 32 Gorton Rd residential development, 599 West Hollis St subdivision, 453 South Main St subdivision, Pennichuck Middle School site improvements, Pennichuck Water Solar at Old Harris Rd, 18-20 Dumaine Ave Condominium, 5-11 Dumaine Condominium, 1 Morningside Dr subdivision, 12 School St subdivision, Palm's Edge Residential Site Plan, 71 Spit Brook Rd Monopole Tower, 78-84 West Pearl St Performing Arts Center, and 78 Amherst St residential units.
- **Survey Work.** Recent survey work includes: survey of Manchester Street at Courtland Street for new ADA ramps, survey of Lake Street to Pine Street for new ADA ramps, survey of Main Street from Lake Street down to East Dunstable for new ADA ramps, survey of Titan Way for new ADA ramps, survey of Upstone Drive by the Broad Street School for new ADA ramps, survey of East Dunstable in front of Bicentennial School for new ADA ramps, survey of Buck Meadow at Gilson Road and the soccer fields on Main Dunstable for new ADA ramps.
- **Street Opening Permits.** Engineering issued 14 Street Opening Permits in the month of December, 2020. Issuance of Street Opening permits was shut down for the winter season on November 23rd. Work on existing open permits, emergency permits, and permits for critical work will continue throughout the winter, pending suitable weather.
- **West Hollis Street Corridor Study.** The city has selected the engineering firm of Hoyle, Tanner & Associates to complete a corridor study of West Hollis Street, from Riverside Street westerly to the Hollis town line.
- **Encumbrance Permits.** Engineering issued seven Encumbrance Permits in the month of December 2020. A method to consolidate the notification process to City departments about detours around work areas is being developed.
- **Sewer Permits.** Engineering issued six Sewer Permits in the month of December, 2020.

Parks & Recreation Department

- **Holman Stadium.** The stadium is receiving interior work and repairs for the winter.
- **Stellos Stadium.** The Stadium is receiving interior maintenance work. We have had to plow off the field once this year so far.
- **Summerfun.** The 2021 fund raising campaign has begun. We have a goal of raising \$20,000 in sponsorships.
- **Downtown.** The Main Street decorations and banners were removed and stored away for the season.
- **Winter Skating.** We were able have ice for a period until the January rain came. With colder temperatures now in place we will continue to flood the rinks.
- **Winter Work.** We have been working on winter tasks between the snow storm, building sheds and tables.
- **Winter Orders.** We are putting together are winter order list for fertilizer, seed, clay, mulch, flowers, and playground cushion.
- **Winter Tree Work.** We have been working on our winter tree work. We are hoping to complete our list. Then start to do some proactive trimming.
- **Parks Work.** We did pick up the rest of the leaves in the parks. We are picking up litter and debris that was left over from the fall season.

Wastewater Department

- **Operations:** The Operations department continues daily operations of the facility as well as monthly inspections and checks maintaining proper operation of the facility. The Operations staff coordinated a plant shut down with Methuen construction to remove their bypass pipe in the primary influent channel. We had one rain event that we operated successfully with no CSO's discharging. The chemical pumps for the Wet Weather facility were drained and flushed.
- **Maintenance:** Maintenance has continued preventative maintenance at the Treatment plant and the 13 outlying Pump stations. The mechanics installed and aligned RAS pump #1 after a new seal was installed. Grit piping and fittings were dismantled to clear blockages in the grit system. Worn out and bent teeth on the bar rack were replaced by the mechanics this past month. The electrician worked with Eaton to repair the Wet Weather switch gear. The chemical pump drives in Wet Weather were tested and the VFD's were inspected by the electrician.
- **Collections:** The collection crews have completed all monthly checks of our CSO's and siphon stations, as well as assisting Maintenance in pump station inspections. Collection system operators respond to backups on Leer, Williams, Seminole, and other streets. Collections technicians performed CCTV work on Leer, Kennedy, Williams and other streets.
- **Laboratory:** The Laboratory continues daily analyses for permit compliance and process control. The monthly QC checks for December have been completed and results are acceptable. The results are in for the biannual ERA proficiency test that arrived on November 13, 2020 and are acceptable. The results for the SQC testing conducted on November 16, 2020 are all within acceptable limits. The laboratory had QUALCAL calibrate laboratory equipment and instruments on December 17, 2020. Health and Safety Unlimited conducted an annual fume hood inspection on December 8, 2020. The lab finished updating logbooks and bench sheets for the upcoming 2021 year. The 2021 QC logbook has been updated. The new Control Limits are being generated for 2021. The Annual Septage Report has been completed and submitted to NHDES. The Annual CSO Report has been finished and submitted.
- **Energy Recovery Upgrades:** Awaiting contractor to make additional upgrades to digester gas blending skid as requested by the engineer Waldron. Contractor has ordered the VFD for gas blending skid and is arranging to have his electrician install it. Contractor has ordered gas line after cooler and will need to install it when it arrived in several weeks. Once all additional items for skid have arrived a startup of generators using blending skid will be conducted.
- **Water Booster Station Upgrades:** All work complete, awaiting comments on the O&M manual from NHDES.
- **Primary Tank Upgrades:** Methuen Construction has completed all the work in primary tank 3 but had alarm trip on alignment sensors. Methuen checked the alarms and will perform a second startup the week of 01/18. All work on the water booster station upgrades is complete

however we are investigating the strainer size of the plant water strainer which removes debris from plant water before entering pumps.

- **Pump Station Upgrades:** DeFelice has completed the installation of all new pump stations. Remaining work includes some pavement restoration and new hatches for the pump station on Gillis Road. We recently met with Fire Department Communications and subcontractor FOST to develop a plan to start installing fiber for pump station communication back to the main plant SCADA system. FOST is expected to start work on 01/19 and it will take 3-5 weeks to install the fiber.
- **Dry Well Hoist:** This project was sent out to bid in December with a bid opening on 12/29/2020. Mass Crane was the lower bidder and this project is on the agenda for BPW approval.

Street Department

- **Street Department completed tasks**
 - 2 catch basin repairs.
 - 18 mailbox repair
 - 67 pothole repairs
 - Tree and brush pick up
- **Asphalt Repairs**
 - Street department crews continue to fill pot holes city wide as the weather permits.
 - Mill and fill is ongoing, to date crews have worked on perimeter road, Sargent Ave and West Hollis street.
- **Traffic**
 - 9 traffic signal problems were responded to and fixed.
 - Numerous electrical issues involving street lights have been addressed.
 - Several street signs were replaced.
 - Crosswalk striping is ongoing citywide.
- **Fleet**
 - Preventative maintenance and repair of the fleet is ongoing daily.
 - Solid Waste equipment and vehicles are repaired daily.
 - Streets equipment is being repaired daily as write ups occur.
 - Parks equipment is being repaired and service.
 - Parks #16-518 is having the transmission replaced.
 - 2 new Sidewalk Tractors are getting prepped for service.
- **Weld shop**
 - Sidewalk snow blowers are having the housings relined from wear.
 - Plow mold boards are being repaired from road damage.

Solid Waste Department

- The Solid Waste Department collected an extra 170 tons of trash and 45 tons of recycling through the Christmas holidays.

- **Recyclables Shipped in December 2020:**
 - 469 tons of single stream recycled materials.
 - 77 tons of scrap metal sold.
 - 9 tons textiles and books.
 - 900 gallons of used motor oil.
 - 241 appliances evacuated of CFC's.
 - 3 boxes of rechargeable batteries shipped.
 - The charge for single stream recycling for December is \$56.50/ton.

- **Recycling Bins & Carts:**
 - 73 Recycling carts were sold in December.
 - 16 Recycling bins were given out to 8 residents. 3 were new residents.
 - 18 Trash carts were replaced.
 - 32 Trash carts repaired.

- **Permits Sold for 2021:**
 - 3480 Residential Permits.
 - 203 Commercial Permits.

- **Curbside Collection:**
 - 2062 tons MSW.
 - 366 tons Recycling