



THE CITY OF NASHUA

Division of Public Works

Administration

"The Gate City"

Board of Public Works Meeting of May 28, 2020

Agenda

A meeting of the Board of Public Works is scheduled for Thursday, May 28, 2020 at 5:30 p.m. via WebEx Conference Call.

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 April 29, 2020.

IV. Engineering

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

B. Presentation: Proposed changes to traffic control at the intersection of Pine Hill Road and Charron Avenue

C. Motion: To approve the award of the construction contract with for the 2020 Pavement Preservation Program (Crack Sealing) to Sealcoating, Inc. of Braintree, MA in an amount of \$242,477. Funding through Department: 160 Admin/Engineering; Fund: Bond; Activity: Paving.

D. Motion: To approve the award of the construction contract for the 2020 Sidewalk Program to RWC Enterprises of Nashua, NH in an amount of \$171,759. Funding through Department: 161 Streets; Fund: Capital; Activities: Sidewalk Improvements and City Infrastructure Improvements.

E. Motion: To approve Change Order No. 1 to the 2020 Sewer Replacement Project with SUR Construction West, Inc. of Winchester, NH for an amount not to exceed \$975,125. Funding will be through Department: 169 Wastewater; Fund: Bond; Activity: Sewer Repair.

F. Motion: To approve Change Order No. 2 to the 2019 Paving Program contract with Brox Industries of Dracut, MA in an amount not-to-exceed \$94,510 for the construction of ADA compliant sidewalks on South Main Street funded through the Southeast Quadrant Fund. Funding will be through Department: 160 Admin/Engineering; Fund: Trust; Account Category: 54 Property Services.

G. Motion: To approve the hardship request from Liberty Utilities for excavation to repair three Grade 2 leaks located at 135 East Hobart St, 29 Dickens St and Canal St at 1 Amory St.

H. Motion: To approve a Use and Occupancy agreement for placement of identification sign in the City right of way for 130 Spit Brook Road (Grace Lutheran Church).

I. Motion: To consider the hardship request from Liberty Utilities to excavate in a five year moratorium street, Major Drive, for the installation of a gas main.

- V. Wastewater**
- A. Motion:** To approve the FY21 purchase of polymer from Polydyne of Riceboro, GA in the amount of \$412,000. Funding will be through: Department: 169 Wastewater; Fund: Wastewater; Account Classification: 61 Supplies & Materials.
- VI. Administration**
- A. Motion:** To accept the proposal that during the COVID-19 pandemic, public comments be sent via email to the address on the City of Nashua's website: bpwcommissioners@nashuanh.gov. We will request that comments be no more than one page of standard 12 pt font. Comments should be included in the agenda packet, to be read by the board during the usual public comment period in the early part of each virtual meeting.
- B. Informational:** Director's Report
- VII. Personnel**
- A. Motion:** To accept the retirement of William Morse, Operator III at the Wastewater Treatment Facility, effective May 19, 2020.
- B. Motion:** To accept the resignation of Larry Fox, Equipment Operator, effective April 24, 2020.
- C. Non-Public Session**
- VIII. Commissioner's Comments**

Board of Public Works Meeting Meeting Minutes April 29, 2020

A meeting of the Board of Public Works was held on Wednesday, April 29, 2020, at 3:00 p.m. via WebEx Conference Call.

Mayor Donchess stated as Chair of the Board of Public Works, due to the state of emergency declared by the Governor Sununu as a result of the COVID-19 pandemic and in accordance with Governor Sununu'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 as authorized, pursuant to the Governor's emergency order. However, in accordance with the emergency order, I am confirming that we are providing public access to the meeting via telephone with additional access possibilities by video or other electronic means. We are utilizing WebEx through the city's IT Department for this electronic meeting. All members of the Board of Public Works have the ability to communicate contemporaneously during this meeting through this platform and the public has access to contemporaneously listen in to this meeting by dialing the following number 978-990-5294 and using the access code 273974. The public may also view this meeting on Comcast channel 16. Secondly, providing public notice of the necessary information for accessing the meeting; we previously gave notice to the public for accessing the meeting for public posting. Instructions have also been provided on the City of Nashua's website at www.nashuanh.gov and has also been publicly noticed at City Hall. Thirdly, we have also provided a mechanism for the public body to alert us if there are problems with access. If anyone has a problem accessing the meeting via phone or channel or 16, please call 603-821-2049. In the event the public is unable to access the meeting via the phone number mentioned, the meeting will be adjourned and rescheduled. Please note that all votes taken shall be done by a roll call vote.

We will start the meeting by taking a roll call of attendance. When each member states their presence and why they are not physically present for the meeting, they will also state whether there is anyone in the room with them during this meeting. This information is required under the Right-to-Know law.

Mayor Donchess, Chair, declared the meeting to order at 3:00 p.m. and called the roll.

Members Present:

Mayor James Donchess, Chair

- I am attending remotely due to the emergency order and the social distancing and I am alone in my living room.

Commissioner G. Frank Teas, Vice Chair

- I am attending remotely due to the emergency order and the social distancing and I am alone in a room in my house.

Commissioner Tracy Pappas

- I am attending remotely due to the emergency order and the social distancing and I am alone in my room at my house.

Commissioner Kevin S. Moriarty

- I am attending remotely due to the emergency order and the social distancing and I am alone in a room in my house.

Commissioner Shannon Schoneman

- I am attending remotely due to the emergency order and the social distancing and I am alone in a room in my house.

Mayor Donchess

I want to add that anybody may submit their comments via e-mail which will be accepted and placed on file with the minutes of the meeting. Please e-mail your comments to bpwcommissioners@nashuanh.gov.

Also Present:

Ms. Lisa Fauteux, Director, Division of Public Works

Mr. Tim Cummings, Director of Economic Development

Mr. Jeff Lafleur, Superintendent of Solid Waste

Mr. Dan Hudson, City Engineer

Alderman Michael B. O'Brien, Sr. – Aldermanic Liaison

Mr. David Boucher, Superintendent of Wastewater

Mr. Jon Ibarra, Superintendent of Streets

Ms. Carolyn O'Connor, Finance & Administration Manager, Division of Public Works

Mr. Nicholas Caggiano, Superintendent of Parks & Recreation

Approval of Agenda

MOTION: Commission Pappas 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: Unanimously

Approval of Meeting Minutes

➤ **February 27, 2020**

MOTION: Commissioner Pappas made a motion to approve the meeting minutes from February 27, 2020, as presented.

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

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

Nay: 0

MOTION CARRIED: Unanimously

➤ **April 8, 2020 – Special Meeting**

MOTION: Commissioner Pappas made a motion to approve the meeting minutes from April 8, 2020, as presented.

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

Yea: Mayor Donchess, Commissioner Teas, 4
Commissioner Pappas, Commissioner Moriarty,
& Commissioner Schoneman

Nay: 0

Abstained: (Teas) 1

MOTION CARRIED: 4 – 0 – 1

Update from Mr. Tim Cummings, Director of Economic Development Regarding the Burke Street Property

Mayor Donchess

This Board did vote back in July to relinquish the building and turn it over to the Board of Aldermen which was pursuant to the Charter which provides once the Board of Public Works decided they no longer needed or wanted to use any property it would revert to the Board of Aldermen.

Mr. Tim Cummings, Director of Economic Development

For the record, 141 Burke Street was put under agreement and there was an executed purchase and sales and I've only ever represented that there was a purchase and sale on the property. Subsequently, the purchase and sale has been terminated and is currently

under active negotiations right now. I do understand that this is a priority and time is of the essence and so I am working on it even in this emergency state that we are in. The jurisdiction of this property is now under the Board of Aldermen and so I have them focusing on it and will continue to focus my updates in my communicating with them on this matter. That is all I have at this time.

Mayor Donchess

Are there any questions or comments for Mr. Cummings?

Commissioner Pappas

My comments are more to the Mayor's update from the meeting that the public did not hear and I would like to state for the record that the information on the Burke Street sale for the Board of Public Works office facility issues has been delivered to city officials in an extremely convoluted manner that makes it very difficult to understand how the facility financing will proceed without the sale of Burke Street. Neither this Board nor the Board of Aldermen was informed that the Burke Street deal fell apart in early January of 2020. I feel that it is wrong that the information wasn't shared with this fully elected Board and during the unpublished meeting, you clearly were very angry that I called you out on this and you took your anger out on me. During the meeting that excluded the public and wasn't recorded, I was diminished, demeaned, and reprimanded for actions that did not warrant such a hostile response. No dissenting communication is (inaudible) of civility and any person who steps beyond the (inaudible) group (inaudible) can expect a personal attack.

I was elected to represent the people, period, and the day that can't deliver that service of looking out for the taxpayers and residents of this city and their best interest, I will resign from this Board.

Mayor Donchess

I would just say when a Commissioner makes statements that are very inaccurate and somebody corrects that record that it's not hostility or anger. In any event, why don't we move on?

Mr. Cummings

I just want to correct for the record that the deal did not fall apart in "early January" as that is factually inaccurate.

Commissioner Pappas

I said "early 2020."

Commissioner Moriarty

The way I look at this is the fact that the deal didn't go through yet might work in our favor, from the Board of Public Works, because as you had mentioned, we only have 24 months

to use the funds and we are not quite ready to get going on this project so I think this will work in our favor when we actually do sell this property.

Solid Waste Department

A. MOTION: Commissioner Pappas to approve the purchase of recycling and trash carts and cart lids for curbside collection for FY21 in an amount not-to-exceed \$145,000 from Toter, Inc. of Statesville, NC. Funding will be through: Department: 168 Solid Waste; Fund: Solid Waste; Account Classification: 71 Equipment.

Discussion:

Mr. Jeff Lafleur, Superintendent of Solid Waste

This is our annual appropriation for toter's that we buy and replace yearly. It's also for the recycling carts that we sell to residents.

Mayor Donchess

Are there any comments or questions?

Commissioner Pappas

I think it's important for us, if we do have radios on our trash trucks, to call in when there is a lid that needs to be replaced. I understand that folks are busy and that sort of thing but I have driven by houses that it's been at least one year since the top was on it. I would guess it's only a small portion if you just have to replace the lid and not the whole toter. My recollection is we are well beyond what is supposed to be the life of these toter's and it sounds like we are actually doing quite well with it and I think replacing those lids would be advantageous.

Mr. Lafleur

Absolutely Commissioner Pappas, we are doing as many as possible. We are doing probably over 100 of them per week. We are trying to get them all but it's overwhelming how many broken cart lids there are out there but we are getting as many as possible.

Commissioner Pappas

Off the top of your head do you have a sense as to how many of the regular carts themselves you have had to replace? I think they are about 20 years old, is that correct?

Mr. Lafleur

They are about 17 years old because we started in 2003. We haven't actually replaced all that many but I don't have a number off the top of my head. Like you said, they are holding up very well.

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

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

Nay: 0

MOTION CARRIED: Unanimously

Engineering Department

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

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

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

Nay: 0

MOTION CARRIED: Unanimously

B. MOTION: Commissioner Moriarty to approve the engineering services contract with Hayner/Swanson. Inc. (HSI) of Nashua, NH, in the amount of \$398,230 for the management and construction administration of the paving program. Department: 160 Admin/Engineering; Fund: Bond; Activity: Paving.

Discussion:

Mr. Dan Hudson, City Engineer

This contract is with Hayner/Swanson as noted and it is to help support with the construction administration and inspection efforts from the paving program. We have another extensive year planned with over 22 miles of paving, some 2019 carry-over work, and it also includes some ADA ramps from the federal paving program last year. We can certainly use this help and that's why we are making the request.

Commissioner Pappas

This is something that we did last year and the amount of money that you either...management construction would help with would depend on the number of miles of road we are paving, is that correct?

Mr. Hudson

Yes, Commissioner Pappas, that is correct. The more miles the more hours it is basically and this is a service contract whereby for the hours they work...if they don't use up all of it then we don't spend that money. This is established based upon our best estimate of what this years' needs are for everything that is planned.

Commissioner Pappas

And we wouldn't be able to complete the project without the contract, is that reasonable?

Mr. Hudson

Yes, that is correct.

Commissioner Pappas

Or it would make it a lot more difficult I would think.

Mr. Hudson

Yes, that's correct.

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: Unanimously

C. MOTION: Commissioner Teas to approve the purchase of manhole and catch basin castings from Concord Winwater Works Co. of Concord, NH, in the amount of \$65,251.35. Funding will be through: Department: 169 Wastewater; Fund: Wastewater; Activity: Sewer Structures

Discussion:

Mr. Hudson

This is another item that supports the paving program. This replaces castings as it is noted. As we do the paving work and we find structures that are broken and they need to be replaced as well as a number of them that need to be replaced because they don't meet current standards. We have a lot of the triangular covers which don't meet current standards for access. This is a proposed expansion of the purchase order from the last year. Concord Winwater Works has agreed to hold the 2019 pricing.

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

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

Nay: 0

MOTION CARRIED: Unanimously

D. MOTION: Commissioner Moriarty to approve the following Pole License Petitions: PSNH # 21-1490, #211507, #21-1511.

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

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

Nay: 0

MOTION CARRIED: Unanimously

E. MOTION: Commissioner Pappas to consider the hardship request to excavate in a five-year moratorium street from Liberty Utilities for the installation of a high-pressure gas line.

Discussion:

Mr. Hudson

This is a request submitted by Liberty Utilities to extend a gas main at the intersection of Main Street and Allds Street. They are asking for relief from the moratorium because it was at the limit of a previous paving project from 2018. They are replacing some older cast iron pipe and setting themselves up for future replacement of a main further up on Main Street. The current standard when they work on a high-pressure gas main which is a smaller diameter such as a 2 inch main and that enables some them to include some additional safety features where there are integrated pressure relief valves at the houses. It's setting them up to use the latest technology which is safer. We saw the gas events that happened in Massachusetts and my understanding is that this will help address some concerns that maybe you would have with the older main.

Where they are proposing to tie in is just within the limits of the previous project and within the next couple of years we plan to pave Main Street and portions of (Recording went out for approximately one minute at about 24 minutes in.)

Commissioner Pappas

I have been pretty consistent that I always vote no to cut into our roads because it's bad for the longevity of the road if it is not a gas leak. I don't remember at the last meeting that we are re-doing currently I don't remember there being a statement that said it would make the gas lines safer and obviously, given what happened in Lowell, MA, where the gas lines blew up, I will change my vote and vote yes for safety reasons.

Recorder's Note: The call-in line went down and the meeting was paused until the connection was back up.

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: Unanimously

Commissioner Moriarty

I will have to sign off at 5:00 p.m. if the meeting has not concluded as I have a patient who is in acute pain.

F. MOTION: Commissioner Pappas to approve the hardship request from Liberty Utilities for excavation to repair ten Grade 2 leaks located at 16 Hassel Brook Road, 7 Kenmare Road, 3 Kerry Lane, 8 Kerry Lane, 13 Manchester Street, 29 Nottingham Drive, 6 Piermont Street, 21 Pinehurst Avenue, 34 Pinehurst Avenue, & 124 Peele Road.

Discussion:

Mr. Hudson

This is a request by Liberty Utilities to repair gas leaks that they have discovered since we did the paving within the last five years which is an unfortunate situation but, it does happen. They verified that they looked for leaks prior to all of those paving events and corrected what they found but had since found these since. As required by the New Hampshire Utilities Commission they are required to fix them within one year and that's why we are recommending approval of this hardship request.

Commissioner Schoneman

I noticed that some of these inspections and leaks that were found are quite recent; 124 Peele Road was paved and we have to assume it was also inspected in May of 2019, so I am a little concerned if the inspection was adequate or do the leaks creep up in such a short

time and is the equipment in such bad shape that things are cropping up in 10 or 11 months or less in the gas line.

Mr. Hudson

I don't pretend to know exactly how all the issues are related to gas but I do know that different times a year they will get different results because pipes and soils expand and retract and that sort of thing. Our understanding is that they did do inspections prior to paving and since that time they have found at least one additional one from last year and a few (5 or so) from the year before. We do pave lots of streets and although there are a couple of these, in relation to all of the paving we have done it is still probably a low percentage although this is obviously nothing that anybody likes to see happen. They are aware of the moratorium paving requirements and that they need to do additional paving on 20-feet on either side of the damaged area that would be required to repair these. Unfortunately, we don't see that it was avoidable in this case.

Commissioner Schoneman

Is there a lot of excavation that goes on for each repair? Is this a big project for each of these repairs?

Mr. Hudson

No, these are typically smaller excavations. In a letter, they estimated that excavation is 4' wide x 8' long each. Basically, they just dig a small hole as needed to get in and find the issue. Sometimes it can be more because gas can travel along the pipe and that sort of thing but typically it should be a fairly small excavation, about the size of a sheet of plywood.

Mayor Donchess

Is there anything else, Commissioner Schoneman?

Commissioner Schoneman

Just for the record, I think it seems a little wasteful. We all know the sooner we dig into a road that has just been paved, the shorter the life of the road. It can be prevented if things could be inspected and taken care of well before the paving and not one year after; I think that would be better.

Alderman Michael B. O'Brien, Sr. – Aldermanic Liaison

Mr. Hudson, would it be best to have a description that identifies what the grades are, and when we go to pave there may be a present leak but what is acceptable to Liberty Utilities to not handle that particular leak and at what grade level? Maybe that might help to explain to the public what the exact procedure is. Throughout the entire city, there are leaks that are in different gradients and maybe that's the explanation that needs to be made here.

Mr. Hudson

I will reach out to Liberty Utilities and gather some information. I know that we are going to have one of these that we will bring forth in May so I will try to gather that and bring it forth next time.

For a point of reference, this years' paving program is approximately 22 miles and they did an extensive inspection that we were replacing 60 to 80 leaks ahead of our paving. To have one or two pop up a year later is unfortunate but Liberty has been a good partner in working with us to inspect and expedite those repairs to accommodate our paving schedules. We are very comfortable that they are doing everything we are asking them to do in the pre-investigation phase anyway.

Commissioner Pappas

Prior to paving, does Liberty Utilities send engineering a verification that they have checked all of the streets for every single level of a possible gas leak?

Mr. Hudson

I don't know what the paperwork is that they give us but we meet with them bi-weekly and we give them our list of all of the paving streets and then we go through each one and clarify whether they have been cleared for gas leaks. It's a very back and forth collaborative working relationship we have with them. Before we pick the street we are assured that we have cleared it for gas leaks and they don't have any pending construction on that street. We are working together to try to avoid these cuts into new pavement.

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: Unanimously

G. MOTION: Commissioner Moriarty to consider the hardship request from Liberty Utilities for excavation through the intersection of Main Street and Russell Avenue in preparation for paving.

Discussion:

Mr. Hudson

Liberty is replacing a gas main on Russel Avenue and that's to support paving work that we are doing later this year. This will extend that work into Main Street so they can tie in where the main is on Maintenance Street so it's extending the Russell Avenue work by about 10-

feet into Main Street to connect to the Main. That would by-pass an old valve and a 10-foot piece of old cast iron pipe. There is also probably a marginal safety improvement by replacing the 10-feet of plastic pipe and putting in a new valve but that is what their request is and there is a diagram in the packet which shows what the proposal is.

Commissioner Pappas

As I said on item E. I had voted no during the meeting that we are re-doing now and I since have voted yes because I was told it was definitely a safety improvement. This one sounds like it's only going to be a marginal safety improvement and we investing a whole lot into our roads and anytime you cut in, no matter how much you cut in, it does put the life of the road at risk so I will not be supporting this one.

Commissioner Teas

Mr. Hudson, what is the danger to the public and the taxpayers should this repair not be completed in a timely fashion? Is there any risk of injury or additional damage to the infrastructure?

Mr. Hudson

There is always that risk. This one is less of a risk than the other one, but it's always preferably to have them put in and complete the project. This will leave a little gap in the work if it's not done. I'm sure they will be back in three years to wrap it up. They will often give us a contribution toward paving and I'm sure as we are paving Russell Avenue this might be a case where we can do that 10-feet and then carry our Russell Avenue paving a little bit into Main Street to probably do a better patch (inaudible) later as a stand-alone project, especially if it's not in the moratorium but just patching the actual work. It probably is less critical than the other one that was approved but I still recommend it so that this project can be completed to facilitate our coordination of the Russell Avenue paving.

Commissioner Schoneman

Mr. Hudson, is this approval for excavation actually on Main Street, or is it on Russell Avenue?

Mr. Hudson

This is just the portion on Main Street. Russell Avenue will be paved as part of our paving program. It's not in the moratorium, this is just where Main Street was previously past Russell Avenue. It's to address that small impact in that location.

Commissioner Schoneman

Okay, so that part of Main Street was paved less than five years ago but you said it's going to be paved again, is that what you said?

Mr. Hudson

No, what I am suggesting is that if the Board does grant this then I am suggesting that we would work with Liberty and instead of...I mean they could do their own paving but lots of times when we work with them they give us a contribution towards re-pavement. Because of the moratorium requirements, this would have to be paved curb to curb. I was just suggesting if this was done now they could give us a contribution towards that and we could probably extend our Russell Avenue work and do that paving now. If they came along later after the moratorium, which they probably will if this is voted down; you wouldn't have that curb to curb pavement, you would just have the patch. I am suggesting that maybe in the long-term interest of this holding up it's better to approve this to get the better patch but I yield to the Board's discretion.

Commissioner Schoneman

I voted no at the meeting that was not recorded but I will take the engineer's recommendation that it seems like a better thing to get the full curb to curb so I will support this one.

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

Yea: Mayor Donchess, Commissioner Teas, Commissioner Moriarty, & Commissioner Schoneman	4
Nay: Commissioner Pappas	1

MOTION CARRIED: 4 – 1 – 0

H. MOTION: Commissioner Pappas to consider the request from the owners of 24 Coburn Ave for one building service connection to service two lots (existing Lot F-71 and proposed Lot F-71-1) with the recommended stipulations.

Discussion:

Mr. Hudson

This is a request for an existing sewer service to be shared amongst two separate lots. The city ordinances require that each private building has its own service, however, the Board of Public Works has the authority to grant a combined service if it feels it's in the best interest of the city. In this case, this is on a moratorium street so the owners are asking to combine the service which was rather recently installed so we believe it to be in good shape, although one of the stipulations we have asked for is that they prove that it is suitable for use for the two properties. We find this to be a reasonable request and recommend its approval with the stipulations.

Commissioner Pappas

Since it's not a safety issue, again, I think that cutting in is probably not a great idea for the taxpayers and it's not good for the longevity of our roads so I will not be supporting this.

Mr. Hudson

I may have confused the issue by mentioning the moratorium. They are actually proposing that they do this combined service so they don't have to cut into the road. If this wasn't a moratorium they might provide the two separate services but since this is a moratorium street they are avoiding doing the cutting by combining the services and I do think it's in the city's interest to not cut the street.

Commissioner Pappas

We can also just say we will wait until the moratorium is over. When is the moratorium done?

Mr. Hudson

This was paved in July of 2019 so there are 4 plus years left on the moratorium and I assume they want to move their development through quicker than that so I'm not sure...you can certainly deny this combined service and then they would be forced to come and ask for a hardship request to tie in and if that were denied they would be prohibited from building on this lot for 4 ½ years.

Mayor Donchess

They are not cutting into the street though, right?

Mr. Hudson

They are not currently. This is a proposal to share so they don't have to cut into the street. I believe they are also sharing a driveway. I believe they are making every effort to not cut into the street.

Mayor Donchess

Is there further discussion?

Commissioner Schoneman

So this is a sewer connection and everyone feels like it's okay that the two lots can be handled with the one service. Is everybody happy with that?

Mr. Hudson

I would point out that was one of the stipulations we asked them to prove to us that the one service could handle it. Based upon what the lots are and the size of the service we believe it's probably adequate but they are going to have to make that case to us in order for us to allow it.

Commissioner Teas

For clarity, they are not cutting the street, they are simply servicing two lots with one sewer connection.

Mr. Hudson

That's correct.

Commissioner Pappas

But in a perfect world, we want each lot to have its own sewer connection, is that correct?

Mr. Hudson

Yes, in a perfect world that would be so and that's why the ordinance is stated the way it is. It does allow for exceptions where the Board of Public Works believes it's in the city's best interest and that's your call.

Commissioner Pappas

Okay, so the two lots with one sewer is not in line with our existing ordinance without an exception, is that correct?

Mr. Hudson

That is correct.

Commissioner Moriarty

I think Mr. Hudson mentioned that we approved a similar request at last months' meeting, I believe it was on Fairway.

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

Yea: Mayor Donchess, Commissioner Teas, Commissioner Moriarty, & Commissioner Schoneman	4
Nay: Commissioner Pappas	1

MOTION CARRIED: 4 – 1 – 0

- I. Informational: Emergency approval of a change order with S.W. Cole Engineering, Inc. of Londonderry, NH in the amount of \$94,400. Funding is through: Department: 160 Admin/Engineering; Fund: Bond; Activity: Paving.

Mr. Hudson

This is an expansion of an agreement with S.W. Cole Engineering which is a testing firm. They do the compliance testing on the asphalt; they are present in the plant while the asphalt is being produced and they also do some density testing for us as (inaudible) is put down and they do some cores to test it afterward. They are here to verify we are getting what we are paying for in terms of the mix properties. This number is larger than last year and I will note that we undershot the number in last years' budget a little bit. The 2019 carryover work is getting addressed with this expansion as is all of the 2020 work. This was on our meeting agenda for the March meeting which ended up getting canceled because of the COVID-19 virus. As paving work was scheduled to start in early April we brought this forward as an emergency request for approval because we weren't sure when we were going to get a chance to bring this to the Board. We did have a meeting on April 8th and then we had this meeting tonight. We had neglected initially to add it to the agendas. It was an oversight on the April 8th meeting because that meeting came together pretty quickly. We are bringing this forward to bring the Board up to speed and explain the chain of events as they occur. Normally we would have brought this forward as a normal item for your approval and then do the finance and do the normal process but due to everything that was going on and to get this work going concurrent with the paving work, we went the emergency approval route. I would be happy to answer any questions the Board may have on that.

Commissioner Pappas

My comment would be the same as the last meeting that we are currently re-doing now. I certainly very much support the testing program. I think it's extremely important to make sure that we do get high-quality asphalt and I understand that things have been difficult and confusing around COVID-19 but we did have that early April meeting. It's money well spent but it is a lot of money and I think it's really important for us as a Board to have good information when we make decisions. I hope in the future we can be really careful about that sort of thing, but again, I very much support this program and I think it's an integral part of the paving program to make sure we are getting what we are paying for.

Wastewater Department

- A. MOTION:** Commissioner Pappas to approve Change Order #6 to the Energy Recovery Upgrade contract with Methuen Construction Company of Plaistow, NH, in an amount not-to-exceed \$5,619.29 for structural support modifications to the energy recovery room. Funding will be through: Department: 169-Wastewater; Fund: Wastewater; Activity: Energy Recovery Upgrade Project.

Discussion:

Mr. David Boucher, Superintendent of Wastewater

This is a change order to the energy recovery project at the wastewater facility. This project includes two new generators that will run off of the biogas generated by the digester. The cost for this change order is to cover the custom fabricated steel support, the two heat exchangers, and the jet water pump. These weren't in the original contracts as it was

thought that these brackets would come with the equipment but they did not. I am happy to answer any questions.

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: Unanimously

B. MOTION: Commissioner Moriarty to approve Change Order #4 to the contract with Methuen Construction in an amount of \$49,335, for the construction of upgrades to the primary tanks at the Wastewater Treatment Facility. Funding will be through Department: 169 Wastewater; Fund: WERF and SRF Loan; Activity: Primary Upgrade Project.

Discussion:

Mr. Boucher

The change order is to cover some unforeseen costs as part of the project. There was a cost for extra coating of the thickening paint that is being upgraded during this project and it was only discovered when the tanks were emptied. There was also some extra digging for some electrical conduits. It was due to unforeseen existing piping being in the way of where the new piping was going to go. We also upgraded to a PLC prop tester that is being moved from an old location to our new electrical building and we want to make sure that is upgraded with the project.

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: Unanimously

Streets Department

A. MOTION: Commissioner Pappas to award the contract for the Design/Build of the Fuel Island located at the Street Department Facility to Stephens-Marquis Associates Inc. of Merrimack, NH, in the amount of \$267,000. Funding will be through Department: 161 Street; Funds; General and Escrow; Activity: Fuel Depot Rehabilitation.

Discussion:

Mr. Jon Ibarra, Superintendent of Streets

As you may recall, we went out to bid for the rehabilitation of the fuel island located at 9 Stadium Drive, the Streets Department as it had deteriorated and was in need of a design and rebuild. We went out to bid and we awarded the bid and then (inaudible) and through that process and multiple change orders prior to them actually providing any work, the city lost confidence in the ability of that contractor to deliver. We terminated the contract with the original bidder and moved to the next lowest bidder and that is what is before you now.

The Streets Department will be working collaboratively with Stephens-Marquis and we will be taking on approximately \$125,000 of the work related to that project using our city forces.

Commissioner Pappas

Can you explain to the public what you folks will do for fuel in the meantime and then one question I have is if you guys have any underground tanks that we will have to deal with when we do construction on a fuel island like that.

Mr. Ibarra

For that particular project, they are above ground storage tanks and there are no below grade tanks at the Streets Department facility. To answer your question about where we will get fuel, we have access to fuel at the landfill (they have diesel) and wastewater. The project length is supposed to be shorter than six weeks. This does serve the police department, the fire department, AMR Ambulance, and the school department. I believe fire does have (inaudible) down on Spit Brook Road and we will have to make arrangements to give those guys an account to get fuel elsewhere.

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: Unanimously

Administration

A. MOTION: Commissioner Pappas to approve the proposed 2020 Sculpture Symposium sites.

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: Unanimously

B. Informational

I. February-March 2020 Budget Transfers

Ms. Carolyn O'Connor, Finance & Administration Manager, Division of Public Works

The budget transfers were for Parks & Recreation and they were for additional employees in training so we transferred money over for those additional costs.

II. Director's Report

- The first picture is of Diane Thibodeau and her daughter Molly making masks for our employees.
- We have also had other people sewing masks for us, Karen Sutherland, Amy Derosche from the Hunt Building, and New Hampshire State Representative Latha Mangipudi along with a number of other Nashua residents.
- We would also like to thank Chick-Fil-A who brought food to the wastewater and solid waste employees. It was very generous and the staff really appreciates it.
- I also want to thank the Nashua House of Pizza who also brought pizza to our Solid Waste Department.
- The Nashua Police Department has notified us of several scams that they are asking folks to be very careful of. For instance, there is no door-to-door test being offered for COVID-19. They are asking that prior to making a donation to charity to please make sure the charity is registered. Utility companies will not ask for your personal or bank information over the phone and the Social Security Administration will never call asking for money over the phone. There are also people walking around saying they work for the city and asking if residents want their driveway paved.

- Lauren Byers and the Joint Information Committee are working hard at pushing out a lot of information on COVID-19 and one of them is social distancing. They are doing some great work on social media.
- Crisp Contracting did a sewer service at 1113 Harvard Street on March 9th.
- Our paving program has begun.
- We have milling on East Hollis Street.
- Work has begun on Lake, Allds, East Hollis Street, Ridge Road, South Main Street, Williams Street, Pawn Street, Ash Street, Hunt Street, Lafrance, Chandler, and Prescott.
- We have also started our crack sealing season and indus has completed carry over crack sealing work on city streets between April 6th and April 10th and the bids for our 2020 work are due on May 15th. So far we have sealed 27 streets. have carried over.
- The Greeley Boat Ramp construction is underway. Northeast Earth Mechanics has completed their portion of the work and now the Street Department is working on constructing the access road to the ramp parking area with millings. The parking site area of development is ready for final grading.
- Crisp also helped us do another family sewer service on 16 Euclid Avenue. The cost to the city was \$15,440 and we received a fee of \$600 from the resident in accordance with the Sewer Disposal Ordinances, which, of course, we are looking at revising.
- We have begun our sweeping program, both streets, and sidewalks.
- We are filling potholes and prioritizing them.
- We have constructed the Jeff Morin Playground at Roby Park. We still have to pave the walk and hang the shade sails.
- The Salem Street Tot Lot's demolition and removal work is complete and the installation of the playground started on April 14th.
- The repairs to the Eaton Street Bridge were completed on March 20th and the bridge is open for use.
- The Parks & Recreation Department took delivery of a new tractor with several attachments that will come in very handy; a front grapple, dump winder, right side mower, and a ball field groomer.
- We are working on our pump station upgrades. The Fulton Street and the Gillis Street pump stations are being worked on right now and are both part of the

phase I station upgrade. All 13 pump stations are scheduled to be either modified or replaced in a phased approach over the next couple of years.

- Our landfill gas collection has recently been completed and we are getting ready to start filling in our phase III landfill. We sent a Notice of Intent and we received a couple of simple questions today which we will respond to and we are hoping to fill that phase very soon.

Commissioner Pappas

When you say filling it, that's just with trash. So, the residents are all done with their construction noise?

Director Fauteux

Yes, that's correct.

- We are working on permitting the phase IV landfill. We have several permits that will be submitted hopefully by the end of May. We hope there will not be a delay due to DES's work schedule but at least we will start the clock ticking and as Commissioner Pappas has mentioned, once it's approved, it will be grandfathered which will be a good thing.

Commissioner Pappas

Let's say that there are no delays with their schedule, do you have a timeline as to how long it might take?

Director Fauteux

To get the permits?

Commissioner Pappas

It will probably take a couple of years. But once we submit our permit the clock starts ticking which is a good thing. It's a huge process with many, many applications to get through the permitting process. Sanborn Head is working with Kerry Converse who is our Environmental Engineer and Jeff, our Superintendent, to get that done. We will definitely keep the Board updated on how that process is going.

- Our soft yard waste collection began on April 13th and residents seem to be very happy about that. I'm not sure we had more calls about when soft yard waste would start.
- I wanted to bring you up-to-date on commercial versus residential MSW. Residential MSW is up a little bit, about 300 tons. Commercial MSW is down about 1,200 tons, however, CND is up about 1,200 tons so it's pretty much a wash but we will continue to watch that as time goes on.

Commissioner Schoneman

Director Fauteux, do you know when the shade sails will be hung in Roby Park?

Mr. Nicholas Caggiano, Superintendent of Parks & Recreation

The paving of the walkway was done today by the Streets Department. The next thing to do will be to put on the shade sails and they should be in place within two weeks.

Personnel

A. MOTION: Commissioner Moriarty to approve and unseal the nonpublic minutes for Personnel from the Board of Public Works Meeting of February 27, 2020.

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

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

Nay: 0

MOTION CARRIED: Unanimously

Non-Public Session

Mayor Donchess

On the agenda, there is a non-public session for two personnel actions. I am going to propose, and I have talked to the Legal Department about this is that we do this in open session right now. The reason is that the technical requirements of trying to hold a non-public session given the remote nature of the meeting and then coming back to a public meeting to adjourn, which is what is supposed to be done, might not be able to be executed. The Board collectively agreed to address the items in the non-public session.

A. MOTION: Commissioner Pappas moved to approve the selection, contingent upon acceptable results of criminal and driving record checks, and pre-employment checks of Robert DeLuca for the position of Truck Driver/Street Repair, Streets Department. The starting salary for this position will be \$22.41 per hour. Funding will be through: Department 161 Streets Department; Fund: General; Classification 51 Salary and Wages.

Discussion:

Director Fauteux

Mr. DeLuca worked for the Solid Waste Department as a temp for a period of time and did a great job. The staff speaks very highly of him. He went on to get his CDL and he has some experience as a truck driver. He is very eager and I think he will be a good fit and both the Superintendent and I support his candidacy for a truck driver.

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

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

Nay: 0

MOTION CARRIED: Unanimously

B. MOTION: Commissioner Pappas moved to approve the selection, contingent upon acceptable results of criminal and driving record checks, and pre-employment checks of Ronald Lucci of Merrimack, NH, for the position of Electrical Diagnostic Technician I at the Wastewater Treatment Facility. The hourly rate for this position is \$28.00 per hour. Funding will be through: Department 169 Wastewater Fund; Account Classification: 51 Salary and Wages.

Discussion:

Director Fauteux

We have been looking for a Master Electrician for a long time and it's been quite a challenge. The Superintendent was really excited when he saw this gentleman apply. When you look at his resume you can see that he has an amazing background. When I asked him about why he wanted to make the move to wastewater he said he has traveled about three hours every day because he is working in Boston and would love to work closer to home. We think he is going to be a great fit for the Wastewater Treatment Plant and we are really excited to see that he is interested in this position.

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

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

Nay: 0

MOTION CARRIED: Unanimously

Commissioner's Comments

Commissioner Teas

I am curious as to whether or not if we know the roster of attendees at this meeting. Is it listed who is participating?

Mayor Donchess

Does anybody have that information?

Ms. Thibodeau, Executive Assistant to the Director of Public Works Division

I can tell you that I've been told by IT that there is no way to actually know who is calling in if you don't have their name listed. WebEx does not show the phone number. Technically, this information is being given to employees and members of the Board of Public Works only. The public should be calling in on the bridge line that was put on the website calendar as just a listen-only. All of the callers here should be members of the Board of Public Works and employees.

Commissioner Pappas

I know you were going to try to think of a way to have the public interface with the meeting. I can imagine the phone situation is a little bit difficult so I wasn't sure if you had looked into folks being able to submit something in writing if they wanted it read.

Mayor Donchess

My recollection is that Commissioner Schoneman's proposal was for consideration at the next meeting and since this is a re-do of the same meeting I interpreted that to mean the May meeting. I think that is what Commissioner Schoneman had suggested she was going to do.

Commissioner Schoneman

At the previous meeting, we discussed how we could include public comment in the remote meetings. We certainly hope we won't be meeting remotely too much longer and then we can go back to having public comment as usual. At the beginning of this meeting, the Mayor addressed briefly that public comment can be emailed to the director and he gave the address where those can be sent. I will continue to look into ways that the public can possibly participate in remote meetings but we need to consider the legality and the technicality of it. I will reiterate that I feel like public comment is very important. When I voted to agree to suspend it for the remote meetings, I believed it was only because of a technical issue. I will continue to look into ways for the public to not only listen but participate and have a time for public comment if possible and if technology allows. I will submit that to the Director as soon as I am able to come up with something.

Commissioner Pappas

I did vote against suspending public comment just because we don't get a whole lot of it and I don't think we've ever really been flooded with requests for public comment but when we do...I just thought that since we had our public works email that would be an easy way to do it. That was my suggestion. I would like to go low-tech because I am not a high-tech type of person.

Director Fauteux

To Commissioner Teas' question, the IT Director just texted me and said that we do know who called into the meeting and he will send that information to me so I will be able to get that information to the Commissioner's.

Commissioner Pappas

I just wasn't sure...I guess if someone's interested that's fine, I just wasn't sure of the relevance. We don't know who tunes in on Channel 16 and I guess some folks don't have Channel 16. It is interesting because we may have more people interested in listening to public meetings because more people are working from home or furloughed from work.

Adjournment

Commissioner Moriarty made a motion to adjourn.

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

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

Nay: 0

MOTION CARRIED: Unanimously

Meeting adjourned at 4:29 p.m.



Board of Public Works Meeting of May 28, 2020

Engineering Department

Agenda

- A. Motion:** To approve the Residential and Commercial Wastewater Service Permits and Fees as submitted.
- B. Presentation:** Proposed changes to traffic control at the intersection of Pine Hill Road and Charron Avenue
- C. Motion:** To approve the award of the construction contract with for the 2020 Pavement Preservation Program (Crack Sealing) to Sealcoating, Inc. of Braintree, MA in an amount of \$242,477. Funding through Department: 160 Admin/Engineering; Fund: Bond; Activity: Paving.
- D. Motion:** To approve the award of the construction contract for the 2020 Sidewalk Program to RWC Enterprises of Nashua, NH in an amount of \$171,759. Funding through Department: 161 Streets; Fund: Capital; Activities: Sidewalk Improvements and City Infrastructure Improvements.
- E. Motion:** To approve Change Order No. 1 to the 2020 Sewer Replacement Project with SUR Construction West, Inc. of Winchester, NH for an amount not to exceed \$975,125. Funding will be through Department: 169 Wastewater; Fund: Bond; Activity: Sewer Repair.
- F. Motion:** To approve Change Order No. 2 to the 2019 Paving Program contract with Brox Industries of Dracut, MA in an amount not-to-exceed \$94,510 for the construction of ADA compliant sidewalks on South Main Street funded through the Southeast Quadrant Fund. Funding will be through Department: 160 Admin/Engineering; Fund: Trust; Account Category: 54 Property Services
- G. Motion:** To approve the hardship request from Liberty Utilities for excavation to repair three Grade 2 leaks located at 135 East Hobart St, 29 Dickens St and Canal St at 1 Amory St.
- H. Motion:** To approve a Use and Occupancy agreement for placement of identification sign in the City right of way for 130 Spit Brook Road (Grace Lutheran Church)
- I. Motion:** To consider the hardship request from Liberty Utilities to excavate in a five year moratorium street, Major Drive, for the installation of a gas main.

City of Nashua, Public Works Division

To: Board of Public Works

Meeting Date: May 28, 2020

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 April 1 to April 30, 2020.

Date	Permit #	Location Address	Resident Name/ Company Name	Comments (Residential or Commercial)	Fees	Repair	Entrance	Connection	Betterment
4/22/2020	24017	92 West Hollis St	Keram, LLC	Residential Replacement	\$600.00 (1)	X			
4/16/2020	24018	11 Locust St	Poirier, Donald D Jr	Residential Replacement	\$600.00 (1)	X			
4/22/2020	24019	66 Lake St	Nashua Lake St LLC	Residential Replacement (3 Unit)	\$0.00 (2)	X			
TOTAL					\$1,200.00				

(1) Since the office is closed, payment was not received with permit. Amount due will be collected by the City Treasurer's office.

(2) Existing three unit residential building, owner responsible for repairing connection. No fee due.

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: May 28, 2020

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

Re: Intersection of Pine Hill Road and Charron Avenue – Traffic Control

B. Presentation: Proposed changes to traffic control at the intersection of Pine Hill Road and Charron Avenue.

Discussion: The Division of Public Works has reviewed the existing traffic flow pattern at the intersection of Pine Hill Road and Charron Avenue. Motorists exiting Charron Avenue onto Pine Hill Road currently are under stop sign control. The Pine Hill Road approaches are free flowing with no traffic control. Motorists exiting Charron Avenue experience long delays as they wait to turn onto Pine Hill Road. Motorists attempting to turn left toward Broad Street experience very long delays particularly during peak traffic flow periods. This is a traffic safety concern that continues to degrade as traffic volumes increase.

To address this safety concern, the Division of Public Works (with the assistance of the Nashua Regional Planning Commission and the Planning Department) has collected the pertinent traffic data and run some traffic simulation runs to evaluate conversion to an all way stop controlled intersection. The simulation runs demonstrate an improved and safer traffic flow as compared to existing conditions.

Based on the findings of this review, the DPW plans to install all way stop control this summer.

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: May 28, 2020
From: Daniel Hudson, P.E., City Engineer
Engineering Department
Re: 2020 Pavement Preservation Program - Crack Sealing

C. Motion: To approve the award of the construction contract with for the 2020 Pavement Preservation Program (Crack Sealing) to Sealcoating, Inc. of Braintree, MA in an amount of \$242,477. Funding through Department: 160 Admin/Engineering; Fund: Bond; Activity: Paving.

Attachment: 2020 Pavement Preservation Program Crack Sealing Map

Discussion: The 2020 Pavement Crack Sealing Program is expected to crack seal approximately 34 miles of streets. This will include cleaning and sealing of construction and random cracks in the street. Once the cracks are free from debris, dirt, or vegetation, crack sealant will be applied through a high pressure hose line and applicator shoe.

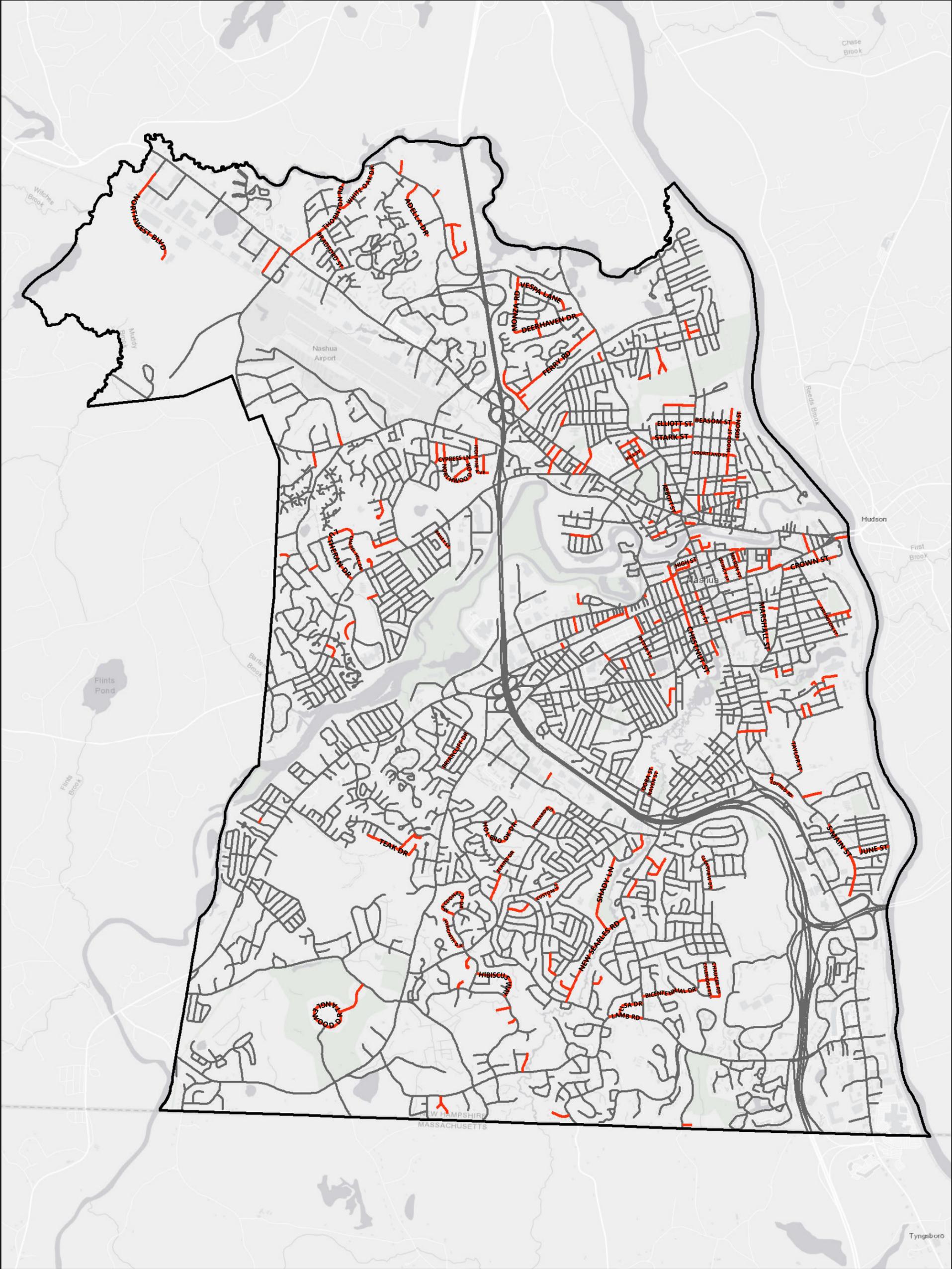
Formation of cracks in the roads is inevitable and will develop as the asphalt pavement undergoes oxidation and deterioration. Once the cracks are sealed with an approved sealant, it slows the rate of their formation in pavements over time and decreases the amount of moisture penetrating the asphalt layers.

The streets selected in this program are in reasonably good condition (Pavement Condition Index [PCI] in the range of 60 to 90). This type of treatment is more of a routine maintenance with the goal of extending the pavement life and delaying the need for more extensive treatments. Majority of the streets that are selected in this program are residential streets and few are arterial/major roads.

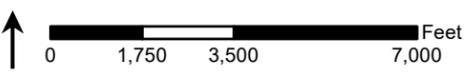
The contract was advertised on March 6, 2020 and non-mandatory pre-bid meeting was held on March 11, 2019. However, no contractor attended. The bid due date has been extended to May 15th due to Covid-19. Given below is the list of the bids:

Sealcoating, Inc. of Braintree, MA	\$ 242,477
Superior Sealcoat, Inc., Wilmington, MA	\$ 509,527

Sealcoating, Inc. of Braintree, MA is the qualified low bidder. References have been checked and were found to be acceptable.



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- Legend
- - - Proposed Preservation
 - Existing Streets
 - City Boundary

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: May 28, 2020
From: Daniel Hudson, P.E., City Engineer
Engineering Department
Re: 2020 Sidewalk Program

D. Motion: To approve the award of the construction contract for the 2020 Sidewalk Program to RWC Enterprises of Nashua, NH in an amount of \$171,759. Funding through Department: 161 Streets; Fund: Capital; Activities: Sidewalk Improvements and City Infrastructure Improvements.

Attachment: Sidewalk Program Map

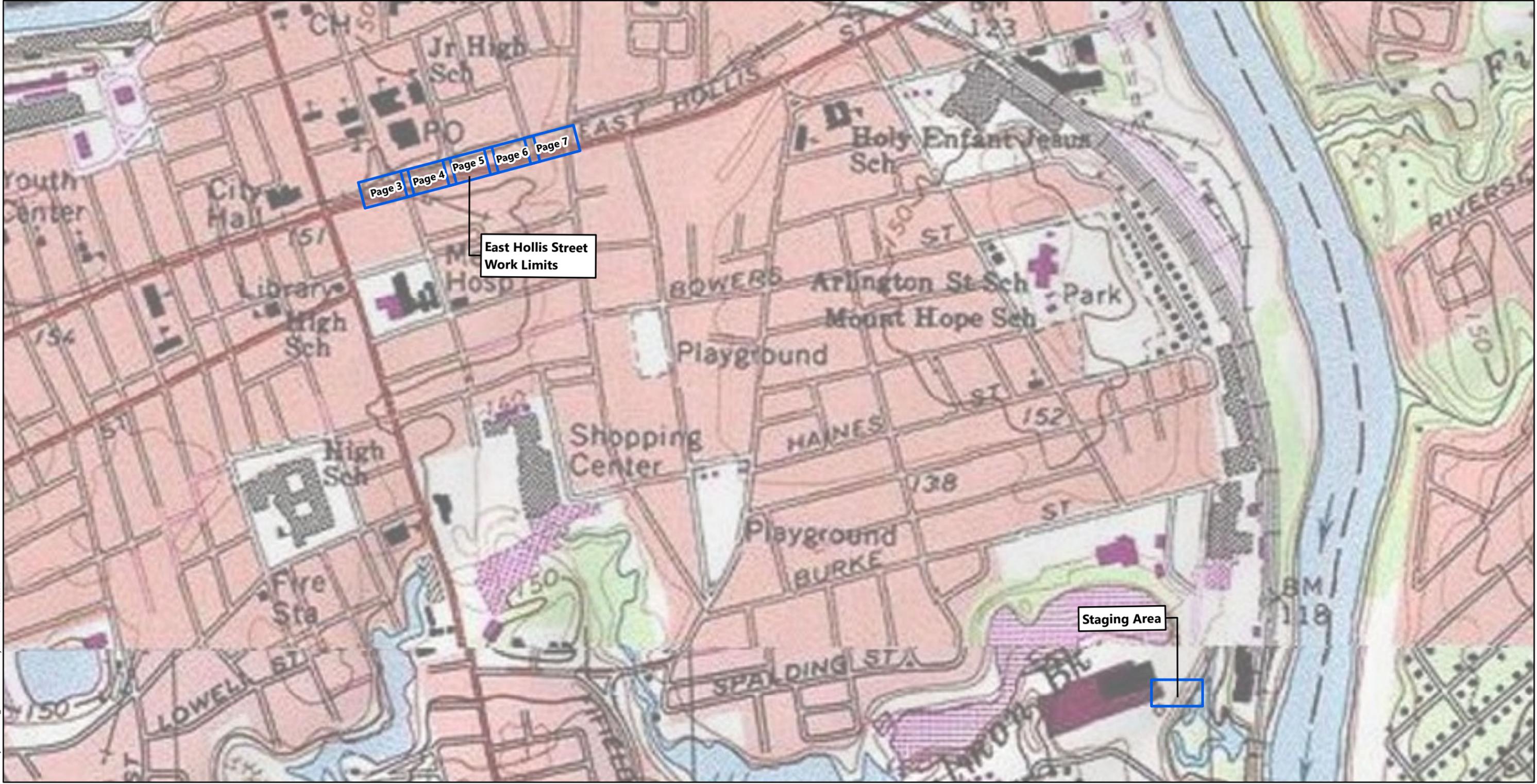
Discussion: The 2020 Sidewalk Program is expected to reconstruct approximate 900 linear feet of sidewalk on the south side of East Hollis Street from CVS to Harbor Avenue. This will include construction of concrete pedestrian sidewalk, resetting curb, and ADA compliance improvements at Medical Center Drive.

The existing sidewalk is in poor condition after years of patch work repairs and overlays. Some granite curb is damaged or missing, and the existing road crossings are not ADA compliant. This portion of East Hollis Street will be paved by Brox later in the summer.

The contract was advertised on March 10, 2020 and only a single bid received as follows:

RWC Enterprises \$ 171,759

RWC Enterprises of Nashua, NH is the qualified low bidder. References have been checked and were found to be acceptable.

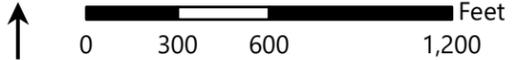


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East Hollis Street Work Limits

Staging Area

U:\GIS\Projects\00001.2_SidewalkRehab\ProjectOverview\Sheet.mxd



Legend
 Work Limits

2020 Sidewalk Program | Nashua, New Hampshire

PROJECT LOCATION PLAN

Source: Nashua DPW, ESRI

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: May 28, 2020

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

Re: 2020 Sewer Replacement Project - Change Order No. 1

E. Motion: To approve Change Order No. 1 to the 2020 Sewer Replacement Project with SUR Construction West, Inc. of Winchester, NH for an amount not to exceed \$975,125. Funding will be through Department: 169 Wastewater; Fund: Bond; Activity: Sewer Repair.

Attachments: 2020 Sewer Replacement Project, Change Order No. 1

Discussion: SUR Construction West was contracted for 2020 Sewer Replacement work under IFB0779-021220, has been underway since early April, and we have found their work to be satisfactory. Subsequent bidding, the Engineering Department has identified several additional pipes in need of replacement, some which have collapsed and have been temporarily repaired. The purpose of this Change Order is to expand SUR Construction West's contract to include replacement of additional deteriorated sewer pipes, as identified through previous video inspection, and/or partial pipe collapse.

The additional work proposes to replace some of the oldest sewer pipes in the City including (costs estimated):

Water St (Mechanic St to Factory St)	\$532,705
Amherst St (Vernon St to Beacon St)	\$178,480
Main St (Hollis St to Mulberry St)	<u>\$263,940</u>
	\$975,125

The above change order will allow for complete replacement of these pipe segments with accompanying sewer structures and sewer services, if necessary. If portions of these pipes are found to be in satisfactory condition or suitable for lining, they will be retained and funds used for repair or replacement of other sewer pipes and structures found to be in disrepair.

CHANGE ORDER

No. 1

PROJECT: 2020 Sewer Replacement Project

OWNER'S CONTRACT NO: IFB0779-021220

EXECUTED CONTRACT DATE: 03/17/20

DATE OF ISSUANCE: 05/28/20 EFFECTIVE DATE: **Upon City Approval**

OWNER: **City of Nashua, NH**

OWNER's Purchase Order NO.: 155720

CONTRACTOR: SUR Construction West, Inc.

ENGINEER: **DPW Engineering**

You are directed to make the following changes in the Contract Documents:

Description:

Recent video of the existing sewer pipes on Water St, Amherst St and Main St shows them to be in very poor condition. Sink holes have already developed on Main St and Amherst St.

The City Engineering Department would like to have the existing sewer pipes on Water St replaced between Mechanic St and Factory St. Some existing water pipe owned by Pennichuck Water Works will also need relocation to allow for the sewer pipe replacement.

Additionally, video has also shown a partial collapse of a 12" sewer pipe on Amherst St at Vernon St. Replacement of this pipe will be necessary toward Beacon St.

And finally, video has shown a partial collapse of a 12" sewer pipe on Main St between Hollis St and Mulberry St. CIPP lining of this pipe is questionable which necessitates its replacement including lateral pipes to catch basins.

Road restoration of trenches will include three foot overcuts with 18" of gravel base and 5" of asphalt on Water St and 7" of asphalt on Amherst St and Main St.

Justification:

Failing sewer pipes were discovered on Water St, Amherst St and Main St after this contract was bid. Waiting to perform this pipe replacement risks loss of sewer service and collapse of the road above the pipe. SUR West was contracted under IFB0779-021220 to perform the City's 2020 sewer work and is actively working in Nashua.

Summary

<u>CHANGE IN CONTRACT PRICE:</u>		<u>CHANGE IN CONTRACT TIMES:</u>	
Original Contract Price		Original Contract Times	
\$1,497,993.00		Substantial completion: October 6, 2020 Ready for final payment: November 6, 2020	
Net changes from previous Change Orders		Net change from previous Change Orders	
\$0		0 days	
Contract Price prior to this Change Order		Contract Times prior to this Change Order	
\$1,497,993.00		Substantial completion: October 6, 2020 Ready for final payment: November 6, 2020	
Net Increase (decrease) of this Change Order		Net Increase (decrease) of this Change Order	
\$975.125.00		210 days	
Contract Price with all approved Change Orders		Contract Times with all approved Change Orders	
\$2,473,118.00		Substantial completion: May 4, 2021 Ready for final payment: June 4, 2021	
<u>RECOMMENDED:</u>	<u>ACCEPTED:</u>	<u>APPROVED:</u>	
By: _____ DPW Engineer (Authorized Signature)	By: _____ Contractor (Authorized Signature)	By: _____ Mayor Jim Donchess Owner (Authorized Signature)	
Date: _____	Date: _____	Date: _____	

2020 Sewer Replacement Project
2020 Sewer Replacement Project (IFB0779-021220)

Water Street			SUR Change Order Estimate			
Item No.	Units	Item Description	SUR Change Order Prices	Quantity	Units	Price Per Change Request
1B	LF	Remove Existing Sewer and Replace with 8" or 10" Sewer or Drain Pipe >9' to 13' Depth	\$ 100.00	20	LF	\$ 2,000.00
1C	LF	Remove Existing Sewer and Replace with 12" Sewer or Drain Pipe 0' to 9' Depth	\$ 110.00	100	LF	\$ 11,000.00
1D	LF	Remove Existing Sewer and Replace with 12" Sewer or Drain Pipe >9' to 13' Depth	\$ 175.00	317	LF	\$ 55,475.00
1DB	LF	Remove Existing Sewer and Replace with 12" Sewer or Drain Pipe >9' to 13' Depth (BRIDGE)	\$ 350.00	104	LF	\$ 36,400.00
1I	LF	Remove and Replace Existing Sewer Service with 6" Sewer Service All Depths	\$ 100.00	120	LF	\$ 12,000.00
3	VF	6" Pvc Chimney	\$ 150.00	20	VF	\$ 3,000.00
4A	EA	8"x6", 10"x6", or 12"x6" PVC Wye	\$ 1,500.00	13	EA	\$ 19,500.00
4C	EA	12"x10", 15"x10", 18"x10" or 18"x12" PVC Wye	\$ 1,750.00	3	EA	\$ 5,250.00
4E	EA	Core Existing Sewer Manhole for 12", 15", or 18" PVC SDR-35 Pipe	\$ 750.00	1	EA	\$ 750.00
5A	VF	Replace or Construct Sewer Manhole (4-foot Dia)	\$ 605.00	28	VF	\$ 16,940.00
5B	VF	Replace or Construct Sewer Manhole (5-foot Dia)				\$ -
5B-B	VF	Replace or Construct Sewer Manhole (5-foot Dia) (BRIDGE)	\$ 1,500.00	12	VF	\$ 18,000.00
5D	VF	Sewer Manhole Internal Drop Assembly	\$ 100.00	8	VF	\$ 800.00
5G	EA	Connect New Sewer to Existing Sewer Manhole with Existing Hole	\$ 750.00	1	EA	\$ 750.00
5H	EA	Connect Existing Sewer Line or Drain Lateral to New Sewer Manhole	\$ 1,500.00	3	EA	\$ 4,500.00
7	CY	Flowable Fill For Pipe Abandoned In Place	\$ 200.00	4.5	CY	\$ 900.00
8A	CY	Crushed Gravel	\$ 30.00	220	CY	\$ 6,600.00
8B	SY	Temporary Bituminous Pavement Patch including 18" Crushed Gravel Base	\$ 35.00	590	SY	\$ 20,650.00
8C	TON	Hot Bituminous Pavement (Permanent Binder and Base Courses)	\$ 175.00	290	TON	\$ 50,750.00
8D	LF	Sawed Bituminous Pavement	\$ 1.25	2,800	LF	\$ 3,500.00
8E	CY	Unclassified Excavation	\$ 27.50	660	CY	\$ 18,150.00
9A	SY	2" Bituminous Sidewalk Repair Including Crushed Gravel Base	\$ 50.00	32	SY	\$ 1,600.00
10A	LF	Reset Granite Curb	\$ 25.00	52	LF	\$ 1,300.00
10C	LF	New Granite Curb (Sloped)	\$ 40.00	8	LF	\$ 320.00
11	SY	Loam and Seed (6-Inch Depth)	\$ 25.00	80	SY	\$ 2,000.00
12	EA	Silt Sack	\$ 100.00	6	EA	\$ 600.00
13	LS	Mobilization	\$ 40,000.00	1	LS	\$ 40,000.00
14	Allow	Uniformed Police Officers	\$ 10,000.00	Allowance		\$ 10,000.00
15	HR	Flaggers	\$ 25.50	300	HR	\$ 7,650.00
16	LS	Maintenance of Traffic	\$ 8,000.00	1	LS	\$ 8,000.00
17	Allow	Allowance for Unanticipated Hazardous Materials	\$ 5,000.00	Allowance		\$ 5,000.00
19	HR	Night Work Ordered by City	\$ 175.00	100	HR	\$ 17,500.00
20	Allow	Dewatering	\$ 25,000.00	Allowance		\$ 25,000.00
20	Allow	PWW Water Relocation	\$ 126,820.00	Allowance		\$ 126,820.00
TOTAL ESTIMATE FOR WATER STREET			SUR's Estimate - Total:		\$ 532,705.00	

We expect that the infrastructure on Water Street will be completed above the existing water table. If ground water is encountered this will present a change in conditions and we will negotiate compensation based on actual conditions.

Amherst Street (Vernon to Beacon)

Item No.	Units	Item Description	SUR Change Order Prices	Quantity	Units	Price Per Change Request
1E	LF	Remove Existing Sewer and Replace with 15" Sewer or Drain Pipe 0' to 9' Depth	\$115.00	340	LF	\$39,100.00
1I	LF	Remove and Replace Existing Sewer Service with 6" Sewer Service All Depths	\$100.00	200	LF	\$20,000.00
2C	EA	15" to 18" Sewer Pipe Point Repair (0-9')	\$5,800.00	1	EA	\$ 5,800.00
4B	EA	15"x6" or 18"x6" PVC Wye	\$1,650.00	9	EA	\$14,850.00
5G	EA	Connect New Sewer to Existing Sewer Manhole with Existing Hole	\$750.00	2	EA	\$ 1,500.00
8A	CY	Crushed Gravel	\$30.00	180.00	CY	\$ 5,400.00
8B	SY	Temporary Bituminous Pavement Patch including 18" Crushed Gravel Base	\$35.00	360.00	SY	\$12,600.00
8C	TON	Hot Bituminous Pavement (Permanent Binder and Base Courses)	\$175.00	290.00	TON	\$50,750.00
8D	LF	Sawed Bituminous Pavement	\$1.25	2200.00	LF	\$ 2,750.00
8E	CY	Unclassified Excavation	\$27.50	180.00	CY	\$4,950.00
12	EA	Silt Sack	\$100.00	2.00	EA	\$ 200.00
14	At Cost	Uniformed Police Officers	\$2,500.00	1	At Cost	\$ 2,500.00
15	HR	Flaggers	\$25.50	160	HR	\$ 4,080.00
19	HR	Night Work Ordered by City	\$175.00	80	HR	\$14,000.00
TOTAL ESTIMATED COST FOR AMHERST STREET (VERNON TO BEACON)					\$178,480.00	

Main Street (W. Hollis to Mulberry)

Item No.	Units	Item Description	SUR Change Order Prices	Quantity	Units	Price Per Change Request
1A	LF	Remove Existing Sewer and Replace with 8" or 10" Sewer or Drain Pipe 0' to 9' Depth	\$105.00	230	LF	\$24,150.00
1E	LF	Remove Existing Sewer and Replace with 15" Sewer or Drain Pipe 0' to 9' Depth	\$115.00	395	LF	\$45,425.00
1I	LF	Remove and Replace Existing Sewer Service with 6" Sewer Service All Depths	\$100.00	80	LF	\$ 8,000.00
2C	EA	15" to 18" Sewer Pipe Point Repair (0-9')	\$5,800.00	1	EA	\$ 5,800.00
4B	EA	15"x6" or 18"x6" PVC Wye	\$1,650.00	4	EA	\$ 6,600.00
4C	EA	12"x10", 15"x10", 18"x10" or 18"x12" PVC Wye	\$1,750.00	6	EA	\$10,500.00
5A	VF	Replace or Construct Sewer Manhole (4-foot Dia)	\$605.00	10	VF	\$ 6,050.00
5G	EA	Connect New Sewer to Existing Sewer Manhole with Existing Hole	\$750.00	2	EA	\$ 1,500.00
6	VF	Replace or Construct Catch Basin (7 CBs)	\$315.00	70	VF	\$22,050.00

8A	CY	Crushed Gravel	\$30.00	220	CY	\$6,600.00
8B	SY	Temporary Bituminous Pavement Patch including 18" Crushed Gravel Base	\$35.00	435	SY	\$15,225.00
8C	TON	Hot Bituminous Pavement (Permanent Binder and Base Courses)	\$175.00	350	TON	\$61,250.00
8D	LF	Sawed Bituminous Pavement	\$1.25	2600	LF	\$3,250.00
8E	CY	Unclassified Excavation	\$27.50	220	CY	\$6,050.00
9B	SY	4" Concrete Sidewalk Repair Including Crushed Gravel Base	\$86.50	80	SY	\$6,920.00
10A	LF	Reset Granite Curb	\$25.00	70	LF	\$1,750.00
12	EA	Silt Sack	\$100.00	7	EA	\$700.00
14	At Cost	Uniformed Police Officers	\$5,000.00	1	At Cost	\$5,000.00
15	HR	Flaggers	\$25.50	240	HR	\$6,120.00
19	HR	Night Work Ordered by City	\$175.00	120	HR	\$21,000.00
		TOTAL ESTIMATED COST FOR MAIN STREET (W. HOLLIS TO MULBERRY)				\$263,940.00

SUMMARY OF THIS CHANGE ORDER REQUEST:

WATER STREET	\$ 532,705.00
AMHERST STREET (VERNON TO BEACON)	\$178,480.00
MAIN STREET (W. HOLLIS TO MULBERRY)	\$263,940.00
TOTAL THIS CHANGE ORDER REQUEST	\$ 975,125.00

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: May 28, 2020

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

Re: 2019 Paving Program – Change Order No. 2
Sidewalk Repairs for ADA Compliance at South Main Street Roundabout

F. Motion: To approve Change Order No. 2 to the 2019 Paving Program contract with Brox Industries of Dracut, MA in an amount not-to-exceed \$94,510 for the construction of ADA compliant sidewalks on South Main Street funded through the Southeast Quadrant Fund. Funding will be through Department: 160 Admin/Engineering; Fund: Trust; Account Category: 54 Property Services.

Discussion: Sidewalks abutting the South Main Street Roundabout are on heavily traveled pedestrian routes due to proximity to Rivier University and Hayward's Ice Cream. These pedestrian routes are currently not compliant with the American with Disabilities Act (ADA).

The proposed work consists of the construction of ADA compliant ramps and landings (with detectable warning devices), and the repair of several severely cracked sidewalk panels. A total of 6 ramps will be reconstructed to meet current ADA standards along with adjacent panels.

The work will supplement paving work at the roundabout. Brox Industries is currently under contract for the 2019 Paving Program and has successfully completed sidewalk repair projects of similar size and scope.

CHANGE ORDER

No. 2

PROJECT: 2019 Paving Program Arterial Roadways

OWNER'S CONTRACT NO.: IFB0660-020719

EXECUTED CONTRACT DATE: March 21, 2019

DATE OF ISSUANCE: Upon City Approval EFFECTIVE DATE: Upon City Approval

OWNER: City of Nashua, NH

OWNER's Purchase Order NO.: 147649

CONTRACTOR: Brox Industries, Inc.

ENGINEER: DPW Engineering

You are directed to make the following changes in the Contract Documents:

Description:

Add the reconstruction of sidewalk ramps and sidewalk panels at the South Main Street Roundabout in an amount not to exceed \$94,510.00

Justification:

The proposed work consists of the construction of ADA compliant ramps and landings (with detectable warning devices), and to repair several severely cracked sidewalk panels. A total of 6 ramps will be reconstructed to meet current ADA standards along with adjacent panels. The work will supplement the paving work at the roundabout.

Summary

<u>CHANGE IN CONTRACT PRICE:</u>		<u>CHANGE IN CONTRACT TIMES:</u>	
Original Contract Price \$6,853,472.96		Original Contract Times Substantial completion: Oct 15, 2019 Ready for final payment: Oct 31, 2019	
Net changes from previous Change Orders \$0		Net change from previous Change Orders 365 Days	
Contract Price prior to this Change Order \$6,853,472.96		Contract Times prior to this Change Order Substantial completion: Oct, 15, 2020 Ready for final payment: Oct, 31, 2020	
Net Increase (decrease) of this Change Order \$94,510.00		Net Increase (decrease) of this Change Order 0 Days	
Contract Price with all approved Change Orders \$6,947,982.96		Contract Times with all approved Change Orders Substantial completion: October 15, 2020 Ready for final payment: October 31, 2020	
<u>RECOMMENDED:</u>	<u>ACCEPTED:</u>	<u>APPROVED:</u>	
By: _____ DPW Engineer (Authorized Signature)	By: _____ Contractor (Authorized Signature)	By: _____ Mayor Jim Donchess Owner (Authorized Signature)	
Date: _____	Date: _____	Date: _____	

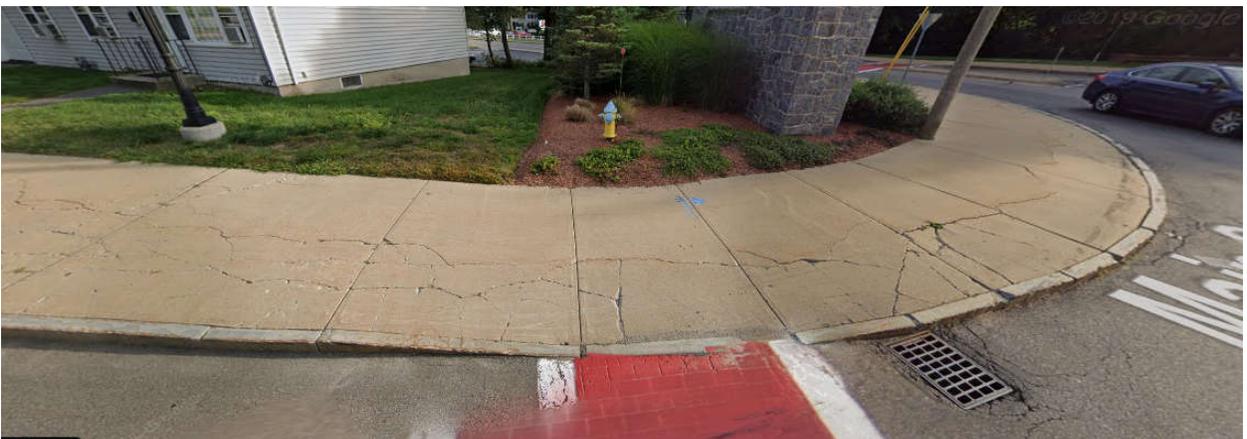
Cracked Sidewalk Panels



Non-Compliant Ramp



Non-Compliant Ramp and Cracked Sidewalk Panels



City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: May 28, 2020

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

Re: Request to Excavate – Five-year Moratorium –135 East Hobart St, 29 Dickens St and Canal St at 1 Amory St

G. Motion: To approve the hardship request from Liberty Utilities for excavation to repair three Grade 2 leaks located at 135 East Hobart St, 29 Dickens St, and Canal St at 1 Amory St.

Attachments: Letter from Liberty Utilities dated May 6, 2020 with maps of impacted areas

Discussion: Liberty Utilities is requesting that they be granted Street Opening Permits to repair Grade 2 leaks discovered since this previous winter. All streets below are in a 5-year moratorium period. The locations with month and year paved are listed below:

- 135 E. Hobart St (October 2015)
- 29 Dickens St (June 2018)
- Canal St at 1 Amory St (September 2019)

The New Hampshire Public Utilities Commission requires that Grade 2 leaks be repaired within one calendar year of their discovery. Liberty Utilities affirms that all areas were surveyed for leaks prior to paving, and any leaks found at the time were repaired.

A hardship waiver on the five-year moratorium on disturbing a City street after paving has been requested. Under 285-13 Section A of City Ordinances, such a waiver may be granted by the Board of Public Works. The ordinance states that “construction shall not be permitted on any street paved within the past five years except for emergency or hardship purposes only, and only if the conditions that follow are met, which conditions include the resurfacing for 20’ beyond either end of the paved area.”

Should the Board choose to grant this waiver, Liberty understands that restoration of the moratorium paving area disturbed will need to be completed according to City of Nashua Ordinances.



May 6, 2020

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

RE: Proposed Moratorium Excavation for Grade 2 Leaks

Attn. Mr. Hudson:

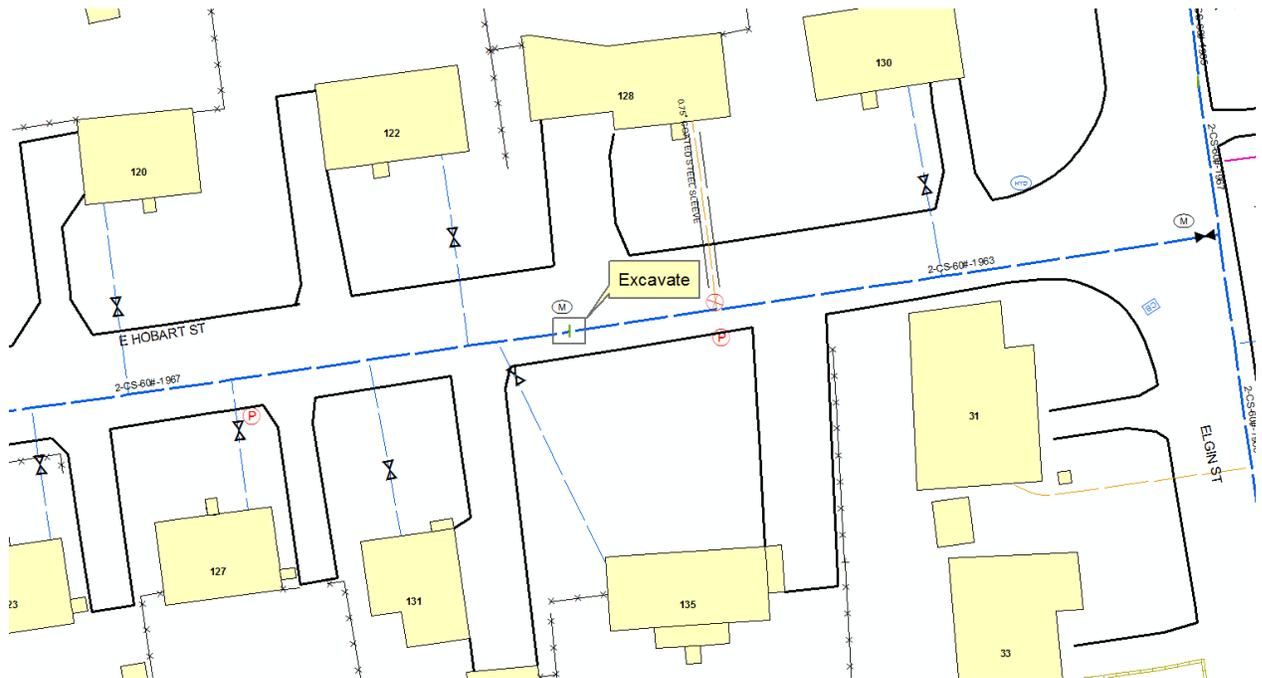
Liberty Utilities respectfully requests hardship to complete limited excavation in moratorium paving areas in the following locations:

- 135 E. Hobart St
- 29 Dickens St
- Canal St at 1 Amory St

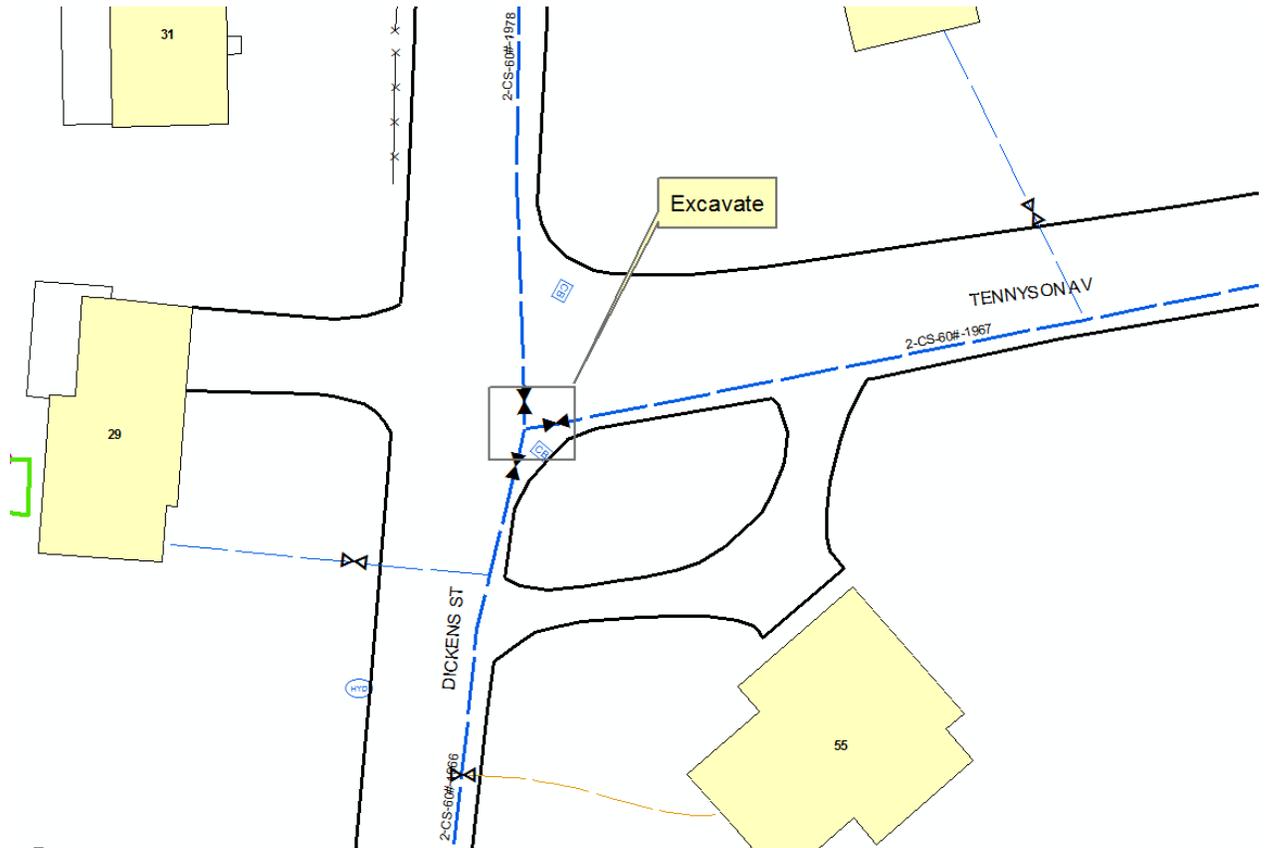
The disturbances would entail of excavations approximately 4' wide by 8' long at each location. The work to be performed is in response to Grade 2 leaks discovered since this previous winter. The New Hampshire Public Utilities Commission requires that Grade 2 leaks are repaired within one calendar year of their discovery. Each of these streets were leak surveyed prior to their most recent paving, and any leaks found at the time were repaired. Liberty understands that restoration of the 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.

Best Regards,

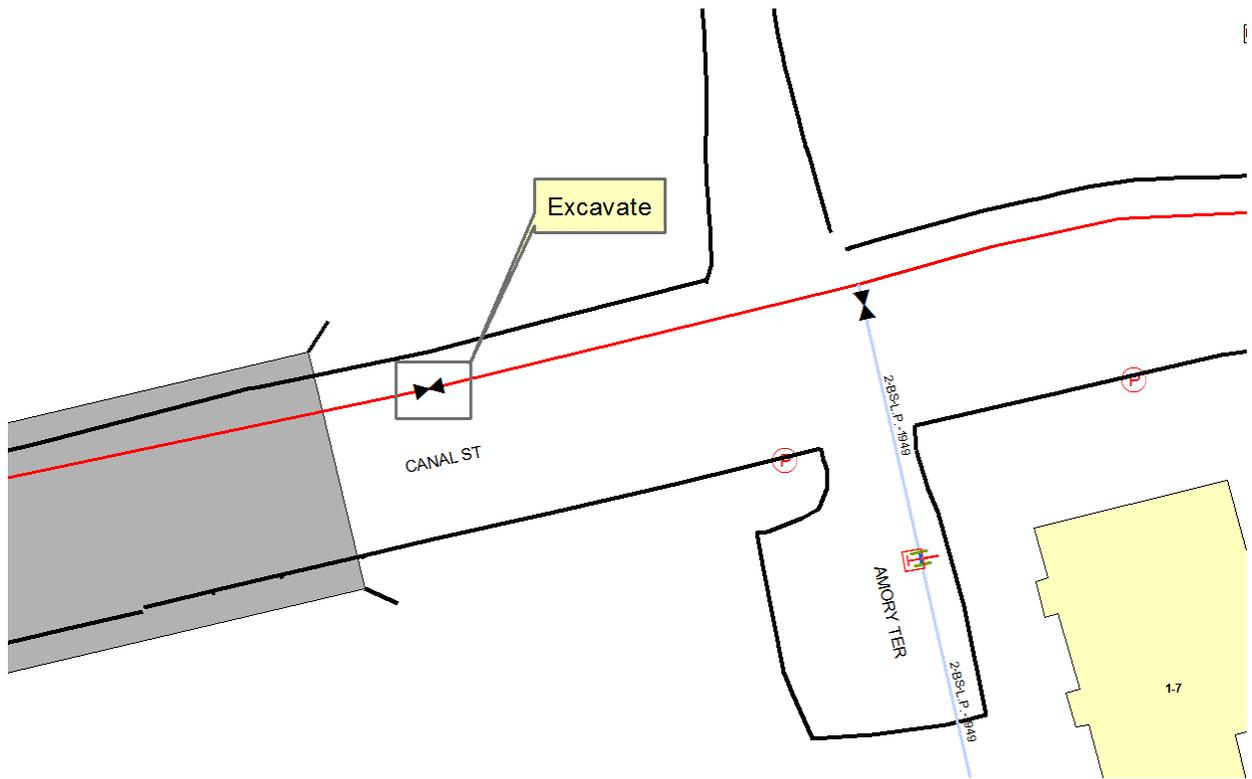
Brad Marx
Liberty Utilities



Location of leak to be repaired at 135 E. Hobart St



Location of leak to be repaired at 29 Dickens St



Location of leak to be repaired on Canal St at 1 Amory St

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: May 28, 2020

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

Re: 130 Spit Brook Road (Grace Lutheran Church) – Use and Occupancy agreement for identification sign located in right of way

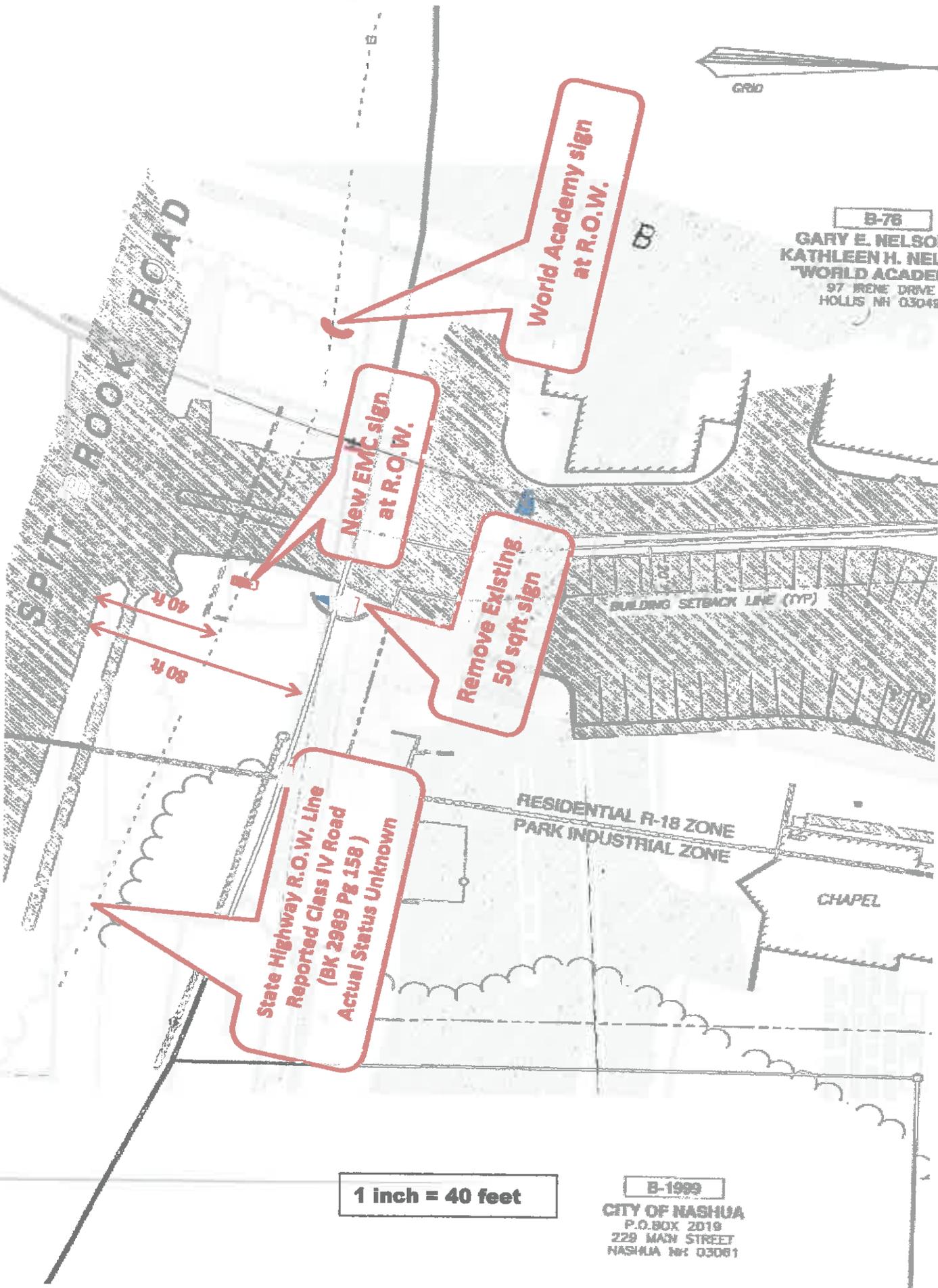
H. Motion: To approve a Use and Occupancy agreement for placement of identification sign in the City right of way for 130 Spit Brook Road (Grace Lutheran Church).

Attachment: Partial plan showing Proposed Sign Location 130 Spit Brook Road

Discussion: Grace Lutheran Church, located at 130 Spit Brook Road, is requesting a Use and Occupancy agreement to place a sign in the extended public right of way between the roadway and the church. The owner has received variances from the Zoning Board of Adjustment for the size and setback of the sign. Due to the width of the right of way of Spit Brook Road at this location, the abutting property at 138 Spit Brook Road, World Academy, was approved for a similar agreement to place a sign in the right of way in 2013. The Engineering Department has determined that this is a reasonable request. The owner will assume all liability that may result from this encumbrance.

This agreement will be executed upon the approval from the BPW and final acceptance of the language by the City's Legal and Risk Management Departments and the owner's representative.

Propose Sign Location 130 Spit Brook Road



City of Nashua, Public Works Division

To: Board of Public Works

Meeting Date: May 28, 2020

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

Re: Request to Excavate – Five Year Moratorium – Major Drive

I. Motion: To consider the hardship request from Liberty Utilities to excavate in a five year moratorium street, Major Drive, for the installation of a gas main.

Attachment: Liberty Utilities Moratorium Letter dated May 19, 2020 with map of impacted area

Discussion: This portion of Major Drive was paved along with Burke Street in November of 2016 and is in the five year moratorium period. Liberty Utilities is requesting a hardship waiver to extend a gas main in this portion of Major Dr. Under 285-13 Section A of City Ordinances, such a waiver may be granted by the Board of Public Works. The ordinance states that construction shall not be permitted on any street paved within the past five years except for emergency or hardship purposes only, and should approval be given by the Board, resurfacing for 20 feet beyond either end of the paved area, curb to curb, would be required.

Please refer to Liberty Utilities attached letter detailing the need to extend their gas system into the moratorium street to support proposed City paving work. Should the Board choose to allow this exception to occur, Liberty understands that restoration of the moratorium paving area disturbed will need to be completed according to City of Nashua ordinances.



May 19, 2020

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

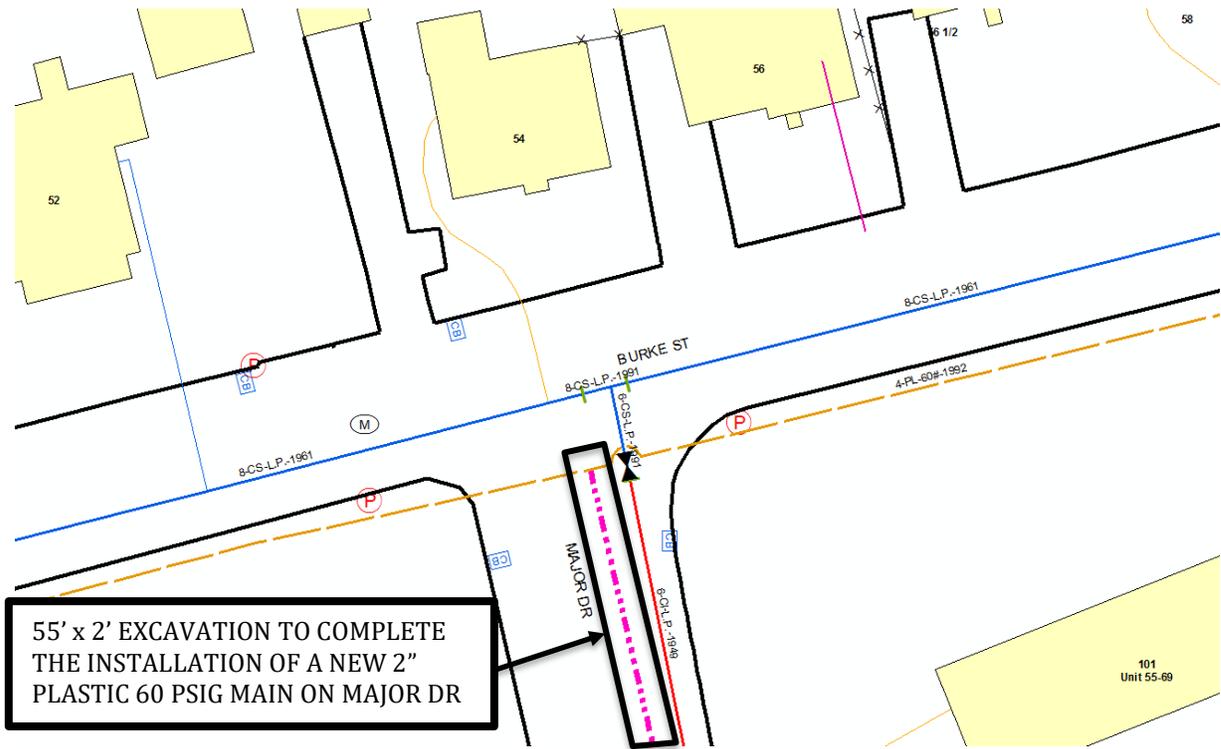
RE: Proposed Moratorium Excavation in Apron of Major Dr at Burke St

Attn. Mr. Hudson:

Liberty Utilities respectfully requests hardship to complete limited excavation in a moratorium paving area at the intersection of Major Dr and Burke St. The disturbance entails an excavation approximately 2' wide by 55' long within the recently paved apron on Major Dr. The purpose of this work is to connect a proposed 2" plastic 60 PSIG main on Major Dr into the existing 4" plastic 60 PSIG main on the south side of Burke St. This new 2" main on Major Dr would replace the existing cast iron main ahead of the planned paving in 2020. Liberty understands that restoration of the moratorium paving area disturbed will need to be completed according to City of Nashua ordinances which include both paving cutbacks as well as grind and inlay restoration.

Best Regards,

Brad Marx
Liberty Utilities



Location of proposed main installation in the apron of Major Dr at Burke St



THE CITY OF NASHUA

Division of Public Works

Wastewater Department

"The Gate City"

Board of Public Works Meeting of May 28, 2020 Wastewater Department

Agenda

- A. Motion:** To approve the FY21 purchase of polymer from Polydyne of Riceboro, GA in the amount of \$412,000. Funding will be through: Department: 169 Wastewater; Fund: Wastewater; Account Classification: 61 Supplies & Materials.

City of Nashua, Public Works Division

To: Board of Public Works

Meeting Date: May 28, 2020

From: David Boucher, Superintendent
Wastewater Department

Re: Polymer

A. Motion: To approve the FY21 purchase of polymer from Polydyne of Riceboro, GA in the amount of \$412,000. Funding will be through: Department: 169 Wastewater; Fund: Wastewater; Account Classification: 61 Supplies & Materials.

Attachments: Vendor quote

Discussion: Polymer is a product used at the plant to coagulate sludge.

Periodically, the Facility has different companies come in and do bench testing to ensure we are using the best polymer for the best price to meet our needs. Our current product continues to perform well, producing a dry product that saves the City money in trucking and disposal costs. The Polydyne products we are currently using are Clarifloc NE2180 for the screw presses and Clarifloc C-6266 for the belt filter presses.

Polydyne is offering the City a unit price of \$1.18/lb for both of these products for the FY21 year, with a potential savings for a full 5000 gallon load at \$1.12/lb. Our annual estimated cost for these two polymers is \$412,000.

Emailed to: osbornen@nashuanh.gov

April 28, 2020

Ms. Noelle Osborne
City of Nashua
2 Sawmill Road
Nashua, NH 03060

Subject: Polymer Price Quotation

Dear Ms. Osborne:

Polydyne Inc. is pleased to offer the following price quotation:

PRODUCT	PRICE	PACKAGE
CLARIFLOC® NE-2180	\$1.12/LB. DELIVERED*	FULL BULK – 5,000 GAL MIN.
	\$1.18/LB DELIVERED*	LTL BULK – 2,000 GAL MIN. 2300 LB. TOTES
CLARIFLOC® C-6266	\$1.18/LB DELIVERED*	2300 LB. TOTES

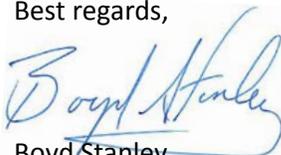
*Freight/Tariff Surcharge may apply

Quotation Period: Firm through June 30, 2021.

Payment Terms: Net 30 days – No Discounts

Thank you for your business. If you have any questions, feel free to contact Alex Krantz, Technical Sales Representative, at (856) 745-1936. Orders may be placed online at: www.polydyneinc.com/polydyne-online-order-form/ or through our Customer Service Department at (800) 848-7659. Your Customer Service Representative is Heather James. Heather's direct extension is 8735.

Best regards,



Boyd Stanley
Vice-President



THE CITY OF NASHUA

Division of Public Works

Administration Department

"The Gate City"

Board of Public Works Meeting of May 28, 2020 Administration

Agenda

- A. Motion:** To accept the proposal that during the COVID-19 pandemic, public comments be sent via email to the address on the City of Nashua's website: bpwcommissioners@nashuanh.gov. We will request that comments be no more than one page of standard 12 pt font. Comments should be included in the agenda packet, to be read by the board during the usual public comment period in the early part of each virtual meeting.
- B. Informational:** Director's Report

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: May 28, 2020

From: Lisa Fauteux, Director Public Works
Administration

Re: Proposal to allow public comment at BPW Meetings during the COVID-19 pandemic

A. Motion: To accept the proposal that during the COVID-19 pandemic, public comments be sent via email to the address on the City of Nashua's website: bpwcommissioners@nashuanh.gov. We will request that comments be no more than one page of standard 12 pt font. Comments should be included in the agenda packet, to be read by the board during the usual public comment period in the early part of each virtual meeting.

Discussion:

Board of Public Works Meeting of May 28, 2020

Department Report

Engineering Department

- **2019 Pipeline Assessment Project.** The Ted Berry Company was awarded a sewer pipe cleaning and video inspection project in late 2019. Work is almost complete, with only a few pipes left to inspect.
- **2020 Sewer Rehabilitation (Lining).** Kenyon Pipeline Inspection is continuing to clean, video inspect, and line aging sewer pipes throughout the City under a change order that extended their 2019 contract through 2020.
- **2020 Sewer Replacement.** This project includes replacing over 3,000 feet of crumbling sewer pipe and over 30 sewer structures in the downtown area of the City. The contractor SUR Construction West of Winchester, NH has begun replacing some of the worst sections, but additional sections have since been identified as also needing replacement. A change order is being sought to expand the contract to include these additional pipes.
- **Integrated Plan.** Eight flow meters have been installed in manholes to gather dry weather and wet weather information in the interceptor system and the program is scheduled to be completed in Mid-June. This data will be used to update the InfoWorks hydraulic model. This model will be used to identify capacity issues, predict Combined Sewer Overflow (CSO) discharges as well as identifying areas of significant wet weather impact. A meeting is being scheduled to rank the criterion for comparing alternative projects, which will be used to evaluate and properly balance the financial needs for wastewater and stormwater management.
- **CMOM Project.** Engineering consultant, Hazen and Sawyer continues to assess the condition of the wastewater collection system using CCTV inspection and make recommendations for rehabilitation of sewers in need of repair. Grease and heavy debris removal was required in several segments. Inspection of stormwater treatment facilities including detention ponds has started.
- **MS4 Stormwater Permit.** A plan to prioritize stormwater outfalls for sampling is being developed. Good housekeeping measures including street sweeping are ongoing.
- **2019 Paving Program (Arterial/Major Roads).** Brox has completed paving of Spit Brook Road, Main Dunstable Road, Amherst Street, West Hollis Street, Canal Street, Pine Hill Rd, East Hollis Street, Ridge Road, and Kinsley Street. Brox has also finished striping all of the completed streets from last year. Sections of Allds Street, Lake Street, and the South Main Street Roundabout have been reclaimed, base paved and final paved. Once the Allds Street gas extension is completed, the final segment of the roadway will be finished. Lake Street is scheduled to be completed by the end of May.
- **2019 Paving Program (Local/Residential Roads).** Sunshine Paving has completed their base contract with the exception of Lincoln Avenue, which was delayed due to utility conflicts. They also finished paving all of the streets in the change order. They have completed Ridge Road, Conant Road, and Skyline. Less than a mile remains on the carryover work. They are continuing to work on punch list items to complete the contract.

- **2020 Asphalt Testing.** S.W. Cole has been performing plant testing of asphalt mixes and laboratory testing of pavement cores for carryover work from 2019 as well as 2020 paving work. Their 2019 contract was extended through 2020 by change order.
- **2020 Paving Program (Contracts 1 & 2).** Sunshine Paving has begun paving and currently has opened 28 of the 102 streets on the 2020 paving schedule. All of the open streets will be final paved by the end of May, accounting for 25% of the total contract. They have been aggressively opening and paving roads to complete the 22 total miles included in the contracts.
- **2020 Pavement Preservation Program.** Engineering is seeking bids to crack seal around 34 miles of roadway as a part of the Cities preservation efforts. Bids were received on May 15, 2020 and contract award is pending.
- **Federal Aid Paving Project.** All resurfacing work has been completed. A change order to construct ADA ramps at Exits 6 and 7 has been approved by the NHDOT. The work is anticipated to begin in late May.
- **Pavement Degradation Fees.** Engineering has reviewed the draft NRO prepared by Legal for the addition of degradation fees. A future presentation to the BPW is planned.
- **Intersection Improvements at D.W. Highway @ Adventure Way.** Engineering is developing a concept for addressing the following issues at this intersection: turn-lane capacity, curb ramp and sidewalk ADA compliance, traffic detection, pavement markings, and general layout. This concept plan is intended to serve as a guidance document for phased implementation through future private development and City projects.
- **Intersection Improvements (Pine Hill Rd & Charron Ave).** Engineering has developed a concept plan for implementation of all-way stop control, as approved by the Board of Aldermen.
- **Sidewalk Program FY2020.** Bids for this contract closed on May 15th with RWC Enterprises the apparent low bidder. Scope of work includes concrete sidewalk replacement on the south side of East Hollis Street from CVS to Harbor Avenue.
- **Charlotte Ave Elementary School SRTS.** Engineering is awaiting NHDOT approval to advertise the project for bids. Bidding has been delayed by COVID-19, which may impact the planned summer construction schedule.
- **Atherton Avenue Park (Soccer Field Project).** Engineering is supporting the Parks and Recreation Department with design of 7v7 soccer fields (2) to replace existing baseball and softball fields. Construction is anticipated to be performed by the Streets Department.
- **Greeley Park Boat Ramp.** The Engineering Department continues to assist Parks & Rec and the Streets Department in managing this project. The contractor, Northeast Earth Mechanics has completed construction of the concrete boat ramp with access to the Merrimack River. Streets Department is constructing the access road, parking area, and stormwater management areas.
- **Canal Street Bridge Repairs.** Bids for a contract to repair the substructure (east concrete abutment and center pier) of this bridge were due on May 15th. Only one bid was received and is being reviewed.
- **Utility Coordination.** The Engineering Department works on a daily basis with various utility companies, and formally meets on a bi-weekly basis, to coordinate the timing and location of water, gas, and electric utilities improvements throughout the City.

- **Transit Center Project.** Engineering is working with Community Development, Nashua Transit, and Greenman Peterson, Inc. (GPI) on a design for upgrades to Garden St between City Hall and the parking garage.
- **Private Development.** Plan reviews include resubmittal or newly submitted: Fairgrounds Middle School at 27 Cleveland St site access and parking modifications, 122 Manchester St four detached single family buildings, 6-8 High Pine Ave parking lot expansion, 275 Amherst St proposed Chase Bank (at former Ruby Tuesday), 4 Blackstone Dr proposed Gas Station, and 210 DW Highway (at Adventure Way) proposed Costco gas station.
- **Construction Inspection.** Multiple smaller land development projects are in construction and being inspected. Sewer and gas main installation is being inspected for conformance to City specifications. Liberty Utilities in particular, has several crews working throughout the City to repair leaking gas mains and to replace aging infrastructure in anticipation of future City roadway work.
- **Survey Work.** Recent survey work includes: 92 Gillis Street for an easement on private property for the new sewer pump station control panel, Allds Street at Spalding Street for a drainage issue, Watson Street for the new sewer pump station, work at Greeley Park for layout of the new roadway to the boat ramp, Main Street for layout of outside dining, Calais Street at Lund Road for a drainage issue, and the South Main Street Roundabout (near Rivier University) for pavement marking plan.
- **Street Opening Permits.** Engineering issued 77 Street Opening Permits in the month of April 2020.
- **Encumbrance Permits.** Engineering issued 13 Encumbrance Permits in the month of April 2020.
- **Sewer Permits.** Engineering issued four sewer permits in the month of April 2020. Due to the office being closed, a process has been developed with the City Treasurer to collect fees associated with sewers permits.

Parks & Recreation Department

- **Holman Stadium.** The stadium is ready for play. There have been no activities due the Covid19 issue. The Silver Knights has delayed their season at this point.
- **Stellos Stadium.** The stadium is ready for play. There have been no activities due the Covid19 issue.
- **Summerfun.** The 2020 events have been cancelled through the end of July. We will continue to look at are events in late summer and through the fall and will work together to make the best decisions possible.
- **Downtown.** Main Street was prepared for the Memorial Day weekend. Banners were hung and flowers were planted and the beds were cleaned and mulched.
- **Playground and Park Postings.** The department has gone out and posted / closed all of the playgrounds and courts. Where ever possible playgrounds and the skate parks have been locked. Social Distance awareness signs have also been placed at park entrances and along many of the popular trails and paths.
- **Spring Sports.** The spring sports season was cancelled. Little League, Cal Ripken, Babe Ruth, Soccer, Lacrosse, Cricket and Softball have been cancelled or postponed.
- **Field renovations.** While the sports seasons are not occurring there is one opportunity that we are taking advantage of. All of the fields at Mine Falls Park have been aerated, top-

dressed rolled and seeded. They should be in very good shape for the hopeful fall season. We will continue with these repairs at the Main Dunstable complex then head to the North Common baseball field.

- **Projects.** Work continues at the following locations;
 - ❖ Greeley Park Boat Ramp work continues on the parking area and launch approach. The new road has been roughed in and is currently is being brought up to grade.
 - ❖ The Jeff Moring Playground has had quite a bit of work done. The shade sails have been hung, the path was paved and loaming and seeding are completed. There are a few punch list items to complete.
 - ❖ The Atherton Ave. field development is moving forward the area has been surveyed and we are currently looking at grading plans.
 - ❖ The Rotary Pool Filter replacement project is on schedule. The filter is almost plumbed in and the remaining electrical work is scheduled.
 - ❖ The Salem Street playground installation has been completed. The remainder of the project is the construction of the public gardens across the street.
 - ❖ We are working on a material list for the Lincoln Park improvements scheduled for later this year.
- **Summer Camps and Pools.** We have been meeting and discussing what possibilities, if any, exist regarding the camp and pool season. Camp sign ups have been slow we have only filled about 10% of our available spots.
- **Fourth of July.** Discussions have been on going regarding what type of celebration could occur on the 4th
- **Tree Work.** We have completed our log of winter tree work.
- **Greeley Park Garden Plots.** The plots are open for planting the water has been turned on. Social Distancing policy signs have been put up.

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. Operations took down an Aeration basin and began cleaning, and scrubbing the diffusers. They performed a digester dump which removes settled inert material. The operators took flushed and cleaned out sludge pumps for mechanics to work on.
- **Maintenance.** Maintenance has continued preventative maintenance at the Treatment plant and the 13 outlying Pump stations. The mechanics overhauled the pistons on one of our TWAS and TPS pumps. The motor for Raw Sewage Pump #4 arrived and was installed; the electrician wired it up for operation. Failing hypochlorite lines were replaced in the pump building. The electrician began installing a new drive for TWAS pump #1.
- **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. Blockages were cleared at Jennifer, Fairhaven and other streets. We continued CCTV work on sewer and drain lines for various Wastewater and Engineering projects. The camera crew

investigated a sink hole on Main St. Pump stations at Spaulding and National St. were sucked out with the Vactor and cleaned.

- **Laboratory:** The Laboratory continues daily analyses for permit compliance and process control. The monthly QC checks for April have been completed and results are acceptable. An SQC sample was collected on April 22, 2020 and sent to Eastern Analytical for analysis. The new muffle furnace was received about a week ago. QC testing on a new batch of Colilert, Quanti-tray and E.coli cups has been performed and results are acceptable. The Laboratory Staff has conducted routine maintenance and cleaning of the IDEXX Sealer. The Process Chemist is currently performing the Annual Internal Audit.
- **Energy Recovery Upgrades:** Methuen Construction continued with installation of piping using another welding company since original welder stopped work due to coronavirus. Majority to piping is done. MC is preparing to do a pressure test of all piping (gas, hot water, coolant). Project is expected to be ready for startup by mid-June.
- **HVAC Upgrades:** Project is considered to be complete but we are monitoring the heating and cooling systems to make sure they are functioning properly.
- **Water Booster Station Upgrades:** The new water booster station building is now complete, running and providing potable water to the plant. The contractor has some remaining punchlist items remaining related to electrical work.
- **Primary Tank Upgrades:** Contractor has demo the existing concrete beam on west side tank 5 and installed new concrete beam between east and west tank 5. Some of the chain and flights have been installed in tank 5. They have also are continuing with demo exist pipe in pipe gallery.
- **Pump Station Upgrades:** DeFelice has completed the installation of the new pump stations at Newton and Fulton. Gillis pump station has been installed except for control panel. A tree was removed at Gillis to make room for control panel. The wet well manhole has been installed at National. The larger pump station scheduled for National will be installed at Watson and the smaller enclosure at Watson will be moved to National to lessen the foot print at National. Wastewater has prepared new applications for the installation of fiber with Eversource and Consolidated Communications. A field review by the utility companies will be scheduled once they process the applications.
- **Wet Weather Screening Upgrades:** Waterline Industries has completed the demo of the east train rake arm. All the ventilation piping scheduled for demo has occurred. Upgrades will include complete new screens and rake mechanisms. New screens and rakes will arrive by September 2020.
- **Gas Tank Coating:** JB Safety has completed all the painting on the gas tank. They have cleanup work left to do.

Street Department

- **Street Department completed tasks**
 - 87 pothole repairs
 - 73 mailbox repairs
 - 85 lawn repairs
 - 1 catch basin repair

- **Asphalt Repairs**
 - Street department crews continue to fill pot holes city wide as the weather permits.
- **Traffic**
 - 12 traffic signal problems were responded to and fixed.
 - Numerous electrical issues involving street lights have been addressed.
 - 8 street signs were replaced, repaired, investigated with no action required.
- **Fleet**
 - Preventative maintenance and repair of the fleet is ongoing daily.
 - Solid Waste equipment and vehicles are repaired daily.
 - Parks spring equipment is getting repaired daily.
 - Streets construction equipment is being serviced and repaired.
 - Trucks are getting repaired as required and made ready for work.
 - Solid Waste compactor #52 is at Milton Cat for refurbishment.
- **Weld shop**
 - Spreader legs are being gone through and repaired as many are cracked.
 - Small welding projects are taken care of daily as needed.

Solid Waste Department

- **Solid Waste Department:**
 - New shed built for automotive battery drop offs.
 - From March to April curbside trash pickup increased by over 300 tons.
- **Recyclables Shipped in April 2020:**
 - 394 tons of single stream recycled materials.
 - 103 tons of scrap metal sold.
 - 9 tons of E-waste.
 - 10 tons textiles and books.
 - 700 gallons of used motor oil.
 - 198 appliances evacuated of CFC's.
 - 2 boxes rechargeable batteries.
 - The charge for single stream recycling for April is \$84.63/ ton.
- **Recycling Bins & Carts:**
 - 0 Recycling carts were sold in April.
 - 8 Recycling bins were given to 5 residents.
 - 21 Trash carts distributed.
 - 31 Trash carts repaired.

- **Permits Sold for 2020:**
 - 9246 Residential Permits.
 - 632 Commercial Permits.

- **Curbside Collection:**
 - 2047 tons MSW.
 - 346 tons Recycling
 - 569 tons Soft Yard Waste



THE CITY OF NASHUA

Division of Public Works

Administration Department

"The Gate City"

Board of Public Works Meeting of May 28, 2020 Personnel

Agenda

- A. Motion:** To accept the retirement of William Morse, Operator III at the Wastewater Treatment Facility, effective May 19, 2020.
- B. Motion:** To accept the resignation of Larry Fox, Equipment Operator, effective April 24, 2020.
- C. Non-Public Session**

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: May 28, 2020
From: David Boucher, Superintendent
Wastewater Department
Re: Retirement of William Morse

A. Motion: To accept the retirement of William Morse, Operator III at the Wastewater Treatment Facility, effective May 19, 2020.

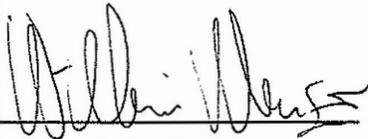
Attachments: Resignation Letter and Letter of Acceptance

Discussion: William Morse has worked for the City of Nashua at the Wastewater Treatment Facility for 41 years. He has dedicated himself to serving the City in keeping the Facility running well and helping to produce clean water. His knowledge and experience have been invaluable over the years. He will be missed at the Wastewater Facility and we thank him for his years of service.

After 41 years of service to the city of Nashua, I have decided to resign my position as operator at the Wastewater Treatment Facility and retire as of 5-19-20.

I have enjoyed the opportunity and recognized the responsibility of the wastewater industry to keep our rivers clean. To be part of that has been very rewarding. I will miss working with knowledgeable and dedicated people in the industry and the comradery of fellow employees. Due to the conditions in this day and age of the coronavirus disease, I feel the opportunity has come to more enjoy my home and family and take the time now to do this.

Signed

A handwritten signature in black ink, appearing to read "William W. W. W.", written over a horizontal line.



THE CITY OF NASHUA

*Wastewater Treatment Facility
Department of Public Works*

"The Gate City"

May 19, 2020

William Morse

Dear Bill,

I have received and accept your resignation letter effective May 19, 2020. We thank you for your 41 years of service to the City and best wishes on your future endeavors.

Sincerely,

David L. Boucher
Wastewater Superintendent

City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: May 28, 2020

From: Jon Ibarra, Superintendent
Street Department

Re: Resignation of Lawrence Fox

B. Motion: To accept the resignation of Lawrence Fox, Equipment Operator, effective April 24, 2020.

Attachments: Resignation Letter & Acceptance Letter

Discussion: On April 21, 2020 Lawrence Fox submitted his letter of resignation, effective April 24, 2020. Larry has been an asset to the City and we wish him the best of luck in his future endeavors.



THE CITY OF NASHUA

Division of Public Works

Street Department

"The Gate City"

April 24, 2020

Mr. Lawrence Fox

Dear Larry,

I have received and accept your resignation letter effective April 24, 2020. We thank you for your service to the City and best wishes on your future endeavors.

Sincerely,

Jon Ibarra
Street Superintendent

April 21, 2020

City of Nashua
Nashua, NH

To Whom It May Concern,

This letter is to inform you that I will be resigning from my position with the City of Nashua as an equipment operator, Street Department, as of Thursday, April 16, 2020. My last day with the City will be on Friday, April 24, 2020.

Sincerely,

