



CITY OF NORWALK
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**CITY OF NORWALK
PUBLIC WORKS COMMITTEE
OCTOBER 5, 2021**

ATTENDANCE: George Tsiranides, Chairman; Tom Keegan; Darlene Young; George Theodoridis; Tom Livingston; Manny Langella; Barbara Smyth

STAFF: Anthony Carr, Chief of Operations and Public Works; Vanessa Valadares, Principal Engineer; Chris Torre, Superintendent of Operations; Jessica Paladino, Waste Systems Manager; Ralph Kolb, Wastewater Treatment Manager

OTHER: Alan Huth, SNEW; Elizabeth Suchy, Attorney at Carmody Torrance Sandak & Hennessey LLP; Stephen Santacroce, Rose Tiso & Co., LLC

The meeting was called to order at 7:02 p.m. A quorum was present.

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Members of the public who wish to provide public comment are encouraged to submit those via email in advance of the meeting. For these comments to be read into the record, they should be submitted at least three hours in advance of the meeting start time. Please email Monique Cipriano at to provide written public comment prior to the meeting.

Chairman Tsiranides called to order the public works committee meeting on Tuesday, October 5, 2021. He stated that the meeting is being done by video conference. He announced all the committee members by name and each member responded for attendance. A quorum was present.

PUBLIC HEARING

PUBLIC HEARING TO INCREASE THE FEE FOR PROPOSED ADJUSTMENTS TO THE PUBLIC WORKS RATES AND FEES SET BY THE DEPARTMENT OF OPERATIONS AND PUBLIC WORKS FEE SCHEDULE AS PER ATTACHED.

There was no public participation for the public hearing. Chairman Tsiranides closed the public hearing at 7:05p.m.

PUBLIC INPUT

PUBLIC INPUT (GUESTS AT COMMITTEE MEETINGS MAY SPEAK TO ANY ITEM ON THE AGENDA. COMMENTS SHALL BE LIMITED TO NO MORE THAN THREE (3) MINUTES PER SPEAKER.)

Ms. Liz Suchy thanked the Chair and the Department of Public Works. She said the application that has come before them for their action relates to an extension of a sewer line on Bouton Street to serve a five (5) lot approved re-subdivision of property at 174, 176 and 176 ½ Bouton Street. The Planning Commission approved the re-subdivision in July and the map was recorded. She said that each lot would eventually be 6250 square feet and developed with single family dwelling on each lot. It is to be served by City and sewer water, but they need to have a sewer line extended. The WPCA approved the extension last month and the next two (2) steps are Planning Commission for 8-24 Review and then final action by the Council. She said on the line as well are Stephen Santacroce and Manny Silva who are the project engineers with Rose Tiso & Co., LLC in case anyone needs to hear from them or want further information or a more in-depth presentation. She turned it over to Mr. Santacroce for more details of this proposal if they so desire.

Chairman Tsiranides thanked Ms. Suchy and stated that if Mr. Santacroce would like to speak now that would be fine and reminded him of the three (3) minute timeline to speak on the item.

Mr. Santacroce asked if he could share his screen.

Chairman Tsiranides stated while the share screen option is getting ready, they will continue with the public participation and get back to him. Chairman Tsiranides asked the secretary to read the email received into the record.

My name is Stacey Pellegrino. I've been a Norwalk resident in the Ponus Avenue/Cornwall Road neighborhood for over 50 years. During storm events, the waterway that runs behind my property at 1 Cornwall Road becomes overloaded from storm runoff and inflow. Over the years, more and more overflows are occurring which create large, sudden volumes of overload and flooding to properties all along the waterway causing extensive flood damage. (see attached). The current system does not allow for adequate or controlled water flow. The backup of water is extreme. It has become a nuisance and too costly to continually clean up and restore my property. The recent clean-up effort to this waterway seems to have been ineffective. I ask for your urgent attention

and to remedy to this ongoing problem. Thank you in advance for your attention to this matter. Respectfully submitted, Stacey N. Pellegrino 1 Cornwall Road Norwalk, CT 06850.

Chairman Tsiranides asked the secretary to send all the Committee Members the photos from Ms. Pellegrino. He announced the next public participation speaker to the floor.

Ms. Michele Jakab from 19 Glendenning Street. She said their family have been living there for 12 years and she is also calling to talk about the storm drainage system. They have been having issues for years with flooding and it is expensive. Ms. Jakab said they have been battling with insurance companies and they keep getting dropped. She said they have done all they can on their end, and it is very expensive to prevent the flooding, but the City water keeps backing up into their property. She said a lot of her neighbors are having the same issue. She said besides the few storms they have been getting, even with the regular storms they would get a few inches of water and they just can't take it anymore. Ms. Jakab said they are grateful for Anthony Carr and Tom Keegan who have reached out and put them on the agenda. She said this is the first time they have gotten a response from the City, and they are happy to hear it is being addressed and discussed. She wanted to inform everyone that they are experiencing flooding and they are asking that item #9 on the agenda for Glendenning Street be included in the study.

Chairman Tsiranides thanked Ms. Jakab for calling in and asked her to stick around because they will discuss that in further detail. He mentioned that he stopped by her house during the last flood as his house flooded as well. He said they all sympathize, and they know that it has been an ongoing problem. He thanked Mr. Carr and his crew for working on the flooding so diligently and trying to come up with different remedies.

Stephen Santacroce from Rose Tiso & Co., LLC went through the plan for the Committee and gave an overview of what they are seeking approval for. He shared his screen which depicted plans for the Bouton Street Development. He showed the subdivisions with proposed single-family homes that will be connecting to a proposed sewer extension. He showed the Committee where the sewer manhole was located. They are proposing to extend the sewer within Bouton Street out to the property line on the south side of the property. He showed them the profile view of the proposed sewer and explained how it would work. He showed where the proposed manholes would be located. Through the profile view, Mr. Santacroce explained where the pvc pipe and the proposed manholes would be located as well.

Chairman Tsiranides thanked everyone for participating during public input. Public input was closed at 7:16p.m.

NEW BUSINESS

1. APPROVE THE MINUTES OF THE PUBLIC WORKS COMMITTEE MEETING OF TUESDAY, SEPTEMBER 7, 2021.

There was no report on this item.

****MR. LIVINGSTON MOVED THE ITEM**

****MS. SMYTH ABSTAINED**

****MOTION PASSED UNANIMOUSLY WITH ONE (1)
ABSTENTION**

2. **APPROVE THE MINUTES OF THE SPECIAL JOINT MEETING PUBLIC WORKS COMMITTEE AND PLANNING COMMISSION MEETING OF TUESDAY, SEPTEMBER 13, 2021.**

There was no report on this item.

****MS. SMYTH MOVED THE ITEM**

****MR. TSIRANIDES ABSTAINED**

****MOTION PASSED UNANIMOUSLY WITH ONE (1)
ABSTENTION**

3. **APPROVE TO INCREASE THE FEE FOR PROPOSED ADJUSTMENTS TO THE PUBLIC WORKS RATES AND FEES SET BY THE DEPARTMENT OF OPERATIONS AND PUBLIC WORKS FEE SCHEDULE AS PER ATTACHED.**

Chairman Tsiranides stated that the last time the fees were increased were approximately seven (7) years ago.

Mr. Carr answered correct, April 8, 2014. He stated the price increases are associated with their GIS pricing, specifically the reproduction of large prints which is basically larger than 11x17, smaller prints, GIS maps, and a shape file. Those prices fall into GIS which relies on the Engineering and under the Operations Component of Public Works. He said under special events, the increases will be for the barrels and barricades which are provided to different vendors. It would also cover missing and the replacing of barrels and barricades. He said GIS falls under engineering and the barrels, barricades and the drums fall under operations. He reviewed some of the price increases for the Committee.

****MR. LIVINGSTON MOVED THE ITEM**

****MOTION PASSED UNANIMOUSLY**

4. **APPROVE THE PROPOSED SANITARY SEWER EXTENSION AT 174 – 176 BOUTON STREET TO PROVIDE SANITARY SEWER SERVICE FOR 5 PARCELS. THROUGH TECHNICAL ANALYSES, IT WAS CONFIRMED THAT THE CITY'S SANITARY SEWER COLLECTION SYSTEM AND WASTEWATER TREATMENT PLANT CAN ACCOMMODATE THE ADDITIONAL SANITARY SEWER FLOW GENERATED FROM THE PROPOSED CONNECTIONS. THE PROPOSED SANITARY SEWER EXTENSION SHALL BE CONSTRUCTED IN ACCORDANCE WITH DPW AND WPCA SANITARY SEWER PERMIT PROCESS AND SANITARY SEWER MAIN EXTENSION POLICY (ADOPTED JULY 7, 2021) AND BE REFERRED BACK TO THE WPCA BOARD FOR FINAL ACCEPTANCE.**

Mr. Carr reported on this. DPW and WPCA Staff reviewed and recommended approval of the project to the WPCA Board. WPCA Board acted, opened, and closed the public hearing and there wasn't any comment. This action was concurrently sent to the Planning Commission for an 8-24 Review and the DPW Committee which would then go to full Council and hopefully get approved. He said it goes to the full Council because any of the sewer extensions is by City Ordinance. He explained that the any extension of the City's infrastructure is subject to the approval of the Mayor and Common Council as the voting body. He said it goes to Common Council first and then back around to the WPCA for final acceptance upon construction. He said those parcels don't exist there and there are no other homes that the project would serve other than the proposed five (5) parcels and the proposed five homes (5) that would be receiving the sanitary sewer.

Ms. Young asked for a timeline on Bouton Street. She said that Bouton Street is extremely tight and asked if there will be a need to leave equipment near or in the street, will the residents on and around Bouton Street Area be given notice prior to the work being done and will there be a need for traffic detours.

Ms. Valadares answered that this is a private project and so she does not have a timeline of when they will start. They are only approving the plans for the extension of the sewer. She said it depends on the contractor which could be right or away or take a year. Usually, after the plans are approved then they will have the timeline otherwise they would have to go through the approval process again. She said that they project may start next year. She said because they have not issued an encroachment permit yet, it is unknown what they are planning to do in regards to closure but when the contractor comes in for the encroachment permit, they will have to submit a plan that shows what they are going to do with the work and detours if any. She said the rule that DPW Permits usually follow is that they do not allow street closure, they must do alternate lane unless it is very sporadic, they will allow closure. They allow the closure when there is not enough room to perform the work and keep one (1) safety lane of traffic moving through. She said she cannot answer that until the encroachment permit has been issued.

Chairman Tsiranides asked Ms. Valadares to relay Councilmember Young's concerns to Ms. Suchy and the contractor.

Ms. Valadares responded yes.

****MR. KEEGAN MOVED THE ITEM**

****MOTION PASSED UNANIMOUSLY**

5. APPROVE THE PROPOSED SANITARY SEWER EXTENSION AT 238 WEST ROCKS ROAD TO PROVIDE SANITARY SEWER SERVICE FOR THE ST. GEORGE GREEK ORTHODOX CHURCH AND POTENTIAL 12 PARCELS ADJACENT TO THE PROPOSED EXTENSION. THROUGH TECHNICAL ANALYSES, IT WAS CONFIRMED THAT THE CITY'S SANITARY SEWER COLLECTION SYSTEM AND WASTEWATER TREATMENT PLANT CAN ACCOMMODATE THE ADDITIONAL SANITARY SEWER FLOW GENERATED

FROM THE PROPOSED CONNECTIONS. THE PROPOSED SANITARY SEWER EXTENSION SHALL BE CONSTRUCTED IN ACCORDANCE WITH DPW AND WPCA SANITARY SEWER PERMIT PROCESS AND SANITARY SEWER MAIN EXTENSION POLICY (ADOPTED JULY 7, 2021) AND BE REFERRED BACK TO THE WPCA BOARD FOR FINAL ACCEPTANCE.

Mr. Livingston asked when a third party puts in the drains, who checks to make sure they are right in terms of the incline.

Ms. Valadares said that before plans go before any of the boards, the staff must review the plans. She said this plan has already been approved by DPW Staff as well as the WPCA Staff. They only recommend Board approval after they work the plan. She said there was some back and forth so they could adjust the drawings the way they thought it would be necessary and then they present to the WPCA Board. The internal staff reviews those drawings.

Mr. Livingston asked if there is someone who checks that the pipes are laid down properly.

Ms. Valadares said that would fall under DPW. She explained how the encroachment permit works. She said once it is approved the contractor will be responsible and must apply for the encroachment permit with DPW because the work is happening on the right-of-way. At that time the contractor would also schedule an inspection so they can confirm the work is done. She said someone will be onsite to spot check because they will not always have someone there. After that, the contractor will have to submit as builds that it was built by a proposed plan.

Ms. Smyth asked about the 12 parcels and wanted to know where those parcels are located on the map.

Ms. Valadares began to explain the guidelines with WPCA. She stated that they thought it would be best to inform everyone in the neighborhood about the sanitary sewer extension in their neighborhood. She then stated that those 12 parcels are adjacent to or along the proposed line. She said on Bouton Street, theoretically there will be no neighbor that will need to be connected to that system. She said they have checked all the properties where the extension is being proposed around the sewer. In the case of West Rocks, there will be 12 parcels that will have the opportunity to hook up to sewer if they desire. She explained the location based on the backup drawings. She reiterated that the WPCA has approved, now DPW must approved then it will go to the Planning Commission to approve for the 8-24 then to the full Council for approval and once that is approved it will go back to the WPCA for final acceptance.

Chairman Tsiranides asked if there was any public participation at the public hearing.

Ms. Valadares responded no.

Mr. Carr added that there will be additional inspections. DPW does only milestone inspections of important components of the project.

****MR. LIVINGSTON MOVED THE ITEM**

****MR. TSIRANIDES ABSTAINED**

****MOTION PASSED UNANIMOUSLY WITH ONE (1)
ABSTENTION**

6. **AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE A FIFTH AMENDMENT TO THE AUGUST 28, 2007, AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES BETWEEN THE CITY OF NORWALK AND A. DICESARE ASSOCIATES, P.C., REGARDING THE EAST AVENUE RECONSTRUCTION PROJECT, FOR AN AMOUNT NOT TO EXCEED \$95,000.00 IN ACCORDANCE WITH THE ATTACHED SCOPE OF SERVICES DATED SEPTEMBER 27, 2021.**

**ACCOUNT NO. 09 12 4021 5777 C0471
 09 22 4021 5777 C0471**

Mr. Carr said that the approval of the fifth amendment is for construction administration which is the review of RFI's which is the request of information, addendums, field changes, and submittals during construction for the advanced utilities project. This is the project that is currently underway on East Avenue.

Ms. Valadares added that this is a construction administration fee from A. Dicesare who is the consultant on the design of the East Avenue Roadway Improvement Project. They are the overseers of the construction associated with a portion of the advanced utilities project between Four Point Street and Olmstead. She said those fees reflect that and they need to do a couple of revisions on the right-of-way maps, shop drawings reviews and RFI's as well.

****MR. LANGELLA MOVED THE ITEM**

****MOTION PASSED UNANIMOUSLY**

7. **AUTHORIZE THE PURCHASING AGENT TO ISSUE A PURCHASE ORDER TO WASTEQUIP, FOR THE PURCHASE AND INSTALLATION OF ONE (1) COMPACTOR AT THE NORWALK TRANSFER STATION, FOR A SUM NOT TO EXCEED \$233,565.67 THROUGH SOURCEWELL AWARDED CONTRACT # 040621-WQI, CITY OF NORWALK ID #97613.**

**ACCOUNT NO. 09 15 4031 5777 C0515
 09 16 4031 5777 C0515
 09 21 4031 5777 C0515
 09 22 4021 5777 C0798**

Mr. Carr said that the Transfer Station owned by the City of Norwalk and operated by City Carting under their contract, expires in June of 2023. There are three (3) compactors located

inside of the Transfer Station. Two of the compactors were replaced in 2014 and 2015, which are referred to as number one (1) and number two (2). The third compactor was built and installed when the Transfer Station was constructed in 1987. The third compactor is about 33 years old. Over the past few years, the third compactor has been more down than up. That doesn't necessarily hamper the operation. He said the issue is that the compactor is not fully functional, and the parts are obsolete, and to standardize the other two (2) compactors, the third compactor has exceeded its usefulness and is not considered an asset to the Department of Public Works or even City Carting. He said the problem with having a third compactor down puts a strain on the other two (2) and not sharing the load equitably across the board. Mr. Carr mentioned that when they requested this item several years ago the price was \$165,000.00 and now its \$233,000.00.

Mr. Livingston asked how this relate to the work that is being done at the Transfer Station right now.

Ms. Valadares said they should be finished with the tipping floor soon.

Mr. Livingston asked if the compactor sits on that floor.

Ms. Paladino said that the compactor sits below the floor. She said the floor repair is the concrete repair on the tipping floor. The installation of the third compactor wouldn't be done until after the tip floor work is finished. There is also a lead time on new compactors that's in the range of 16 weeks which is an extended lead time, and they are not looking to do the construction of the compactor replacement until early next year.

Mr. Torre added that by the way of history the compactors were put in when the transfer station was changed from an incinerator transfer station to the transfer station that they have today. He said it wasn't a new construction in 1987, it was just changed in 1987. He added that a few weeks back, one (1) of the compactors went down and it took some time before it could be fixed leaving them with only one (1) working compactor which made the line to get into the transfer station all the way around Butler Street. Mr. Torre stated the need for the third compactor is the difference between leaving trash on the transfer station floor over the weekend or getting rid of it the same day.

****MR. LANGELLA MOVED THE ITEM**

****MOTION PASSED UNANIMOUSLY**

- 8A. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AN AGREEMENT WITH DEERING CONSTRUCTION INC., FOR PROJECT RD2021-2 CONCRETE CURB AND SIDEWALKS AT VARIOUS LOCATIONS, FOR AN AMOUNT NOT TO EXCEED \$2,591,861.35.**

**ACCOUNT NO. 09 22 4021 5777 C0021
09 22 4021 5777 C0318
09 22 4021 5777 C0503**

8B. AUTHORIZE THE CHIEF OF OPERATIONS AND PUBLIC WORKS, TO EXECUTE ORDERS ON CONTRACT WITH DEERING CONSTRUCTION INC., FOR PROJECT RD2021-2 CONCRETE CURB AND SIDEWALKS AT VARIOUS LOCATIONS, FOR AN AMOUNT NOT TO EXCEED \$259,186.14.

ACCOUNT NO. 09 22 4021 5777 C0021
 09 22 4021 5777 C0503
 09 22 4021 5777 C0318

Mr. Carr stated that Public Works issues this contract every year and the key thing to remember is that the contract is tied to their pavement management program. He said the pavement management program is broken up into quadrants so once every four (4) years the roads are evaluated based on their pavement condition index which is just a grade. That grade really drives the sidewalks and the curb that they will be replacing in subsequent years. He said there are different contracts but are linked together. He gave examples of work being done in the Spring. He said they follow the pavement management program.

Ms. Valadares added that they are looking for a second contractor to start the work and they will get to the paving hopefully next year. She said there will be times that they will have different contractors working on sidewalks in different parts of town because one (1) is related to the current work that was awarded and the other is for the new fiscal year. She named some of the streets they will be working on. She said they have an extensive list that is based on their paving forecast for the next year. She explained that some lists are very large and may not be able to complete all of them so they would be moved to another calendar year, also if there are utility issues or other projects in the area, the streets could be moved to the next calendar year. She said they try to include all the streets that they are considering for sidewalks in the scope for the next season. She said that gives them mobility in case they have some conflicts that may need to be addressed with the contractor.

Chairman Tsiranides stated that Deering won the bid for this contract, and he realizes they have been using Deering a lot. He asked if they had any input regarding their scope of work and/or comments.

Ms. Valadares said that they support Deering, and they were the ones that had the same contract last year, this year Grasso's has the contract. She said that Deering completed most of the sidewalk around First Street. They had to put Second Street out to bid and was able to get the work done this year by Grasso. In the same neighborhood, there were two (2) different contractors working on sidewalks. She said they are supportive of both contractors being awarded.

Mr. Livingston said since the contracts are tied to the paving, should the contracts be on the same basis as the Grasso contract is a three (3) year contract or at least multiply years with additions.

Ms. Valadares answered it used to be that way and found that having two (2) separate bids gets more aggressive prices and it allows them more mobility on which areas they want to work on.

Mr. Livingston asked about the length of the project.

Ms. Valadares answered usually it is a year.

Mr. Livingston asked if the length of the Grasso Contract was a year with extensions.

Ms. Valadares said yes it was for the paving contract. She said they must put the scope of what they are going to bid. It is not an open contract without them knowing what areas they are going to work on but Grasso's contract for paving has the option to extend. Grasso's contract for sidewalks does not.

Mr. Livingston asked is it because you don't know far enough in advance.

Ms. Valadares said she doesn't believe they added that portion to the sidewalk contract otherwise it would have shown on the language. She said it was not on this, but they will have it on the next one.

****MR. LIVINGSTON MOVED THE ITEM
MOTION PASSED UNANIMOUSLY

- 9. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE A THIRD AMENDMENT TO THE WOODARD & CURRAN AGREEMENT DATED AUGUST 12, 2019, TO PROVIDE ON-CALL PROFESSIONAL ENGINEERING SERVICES FOR THE STORM DRAINAGE SYSTEM EVALUATION IN ACCORDANCE WITH SCOPE OF SERVICES TASK ORDER 1G "TEST WATERS" ON GLENDENNING STREET DATED SEPTEMBER 30, 2021 (COPY OF INCLUDED) FOR A SUM NOT TO EXCEED \$191,000.00.**

**ACCOUNT NO. 09 18 4027 5777 C0440
 09 21 4021 5777 C0440
 09 22 4021 5777 C0440**

Chairman Tsiranides stated that everyone is aware of the storm and rain increase and there has been a lot of issues. He said that this and Glendenning have been ongoing for many years for these residents, and he is happy to finally see it come forth with even though its just a study, it is something moving forward in this area.

Mr. Carr reported on this. He said following Tropical Storm Elsa and Ida and having their own historic and problematic flooding database and since he started, he has been contacted by several residents on Glendenning Street about the flooding issues. Woodard and Curran were aware, and they were going to include this month earlier in scope but unfortunately, they had to change directions with one of their other assignments. He said they recognize and

understand that has been a problematic area before even Tropical Storm Elsa or any of those storms. He said that this predates his tenure with the City, but his staff knows the area well. Glendenning is one of many that are in the database and there is a number that surfaced after Elsa and Ida. The other areas include the Bouton Street Area, Heather's Lane, Glenwood, and several other areas such as Powderhorn, Flintlock, and Mayberry. The areas either experienced chronic flooding or flooding from the tropical storms. They have taken a holistic look at the City with the help of Woodard and Curran and some other consultants. He said when he started in 2019, that is one of the things he set out to do. The studies are expensive and that does not include the recommendations and findings from the study to a full design which is also known as construction bid documents. This is just a study to analyze the area and determine the problem, preferred solutions and what they can afford. The flood study for the Dreamy Hollow area began in 2019 and they are happy that at the end of the month the project will be bid for construction. They hope the same thing for the New Canaan/Ponus Avenue area is almost finished and will be designed over the winter, spring and summer and bid next fall. He said it is not just a matter of an extended storm sewer because there could be issues downstream as well so they must be sure there are no issues either way and the system may not be able to handle the flow. The studies are very important because they will be the basis of everything that they are going to do moving forward. Mr. Carr said that there will be more studies coming in which may be from a different consultant. He said they understand there is a problem on Glendenning, and this is the first step toward fixing it. He explained the process to the Committee.

Mr. Keegan stated that Mr. Carr knows and he has been communicating regularly with different residents from different parts of the City with what has been happening over the last couple of months with flooding and he said he is fully supportive of any efforts to remediate the flooding issue. He thanked Mr. Carr and his team. He said he thinks the residents of the City recognize that this is a lengthy process and that they want to figure this out and he is behind it 100%.

Chairman Tsiranides thanked Mr. Carr and his team for working hard on this. He said he appreciate the process even though it is not an immediate answer solution which is a little frustrating. He knows firsthand how it feels to lose things in a flood. He said they want to do it right and not bandage the issue. He has apologized to the residents for not having an immediate solution but that they are working on it.

****MR. KEEGAN MOVED THE ITEM**

****MOTION PASSED UNANIMOUSLY**

- 10. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE A FOURTH AMENDMENT TO THE WOODARD & CURRAN AGREEMENT DATED AUGUST 12, 2019, TO PROVIDE ON-CALL PROFESSIONAL ENGINEERING SERVICES FOR THE STORM DRAINAGE SYSTEM EVALUATION IN ACCORDANCE WITH SCOPE OF SERVICES TASK ORDER 1H "TEST WATERS" ON GLENWOOD AVENUE DATED SEPTEMBER 30, 2021 (COPY OF INCLUDED) FOR A SUM NOT TO EXCEED \$201,500.00.**

ACCOUNT NO. 09 18 4027 5777 C0440
09 21 4021 5777 C0440
09 22 4021 5777 C0440

Mr. Carr reported on this. He stated that hydrologic and hydraulic are fancy engineering terms. Hydrologic is a study of how water behaves over the surface typically a land mass and hydraulic is the behavior of water in a closed conduit like a pipe or an open channel in a drainage ditch. Glenwood Avenue is another area where there were about four (4) or five (5) properties that were impacted starting from 17 Glenwood up to about 23 Glenwood and were noted on our customer service and DPW observations. He said this system is a little more complicated. It is an approximate of 240 acres drainage area or watershed that drains this Glenwood Avenue Area, and it goes over land via pipes. In the backyard of several of these properties, there are pipes that are going to buildings, and they are exposed to open watercourses then they are piped again. That drainage is all on private property then flows into their infrastructure which is then tied to Clinton Avenue then it goes south to ConnDot storm sewer system which they recently upgraded. There are a couple of components there within 240 drainage area where its not just looking at five (5) homes, it is understanding the constrictions both on the private side and any constrictions on the City side and potentially bottlenecking on the State's storm sewer system. He is not suggesting that there is a bottleneck there but could be and that is the point of the study. The services would include the analysis and the stormwater modeling but inside those costs are also potential survey work or field inspection that they will need to get done as well. The Engineering and Operations Staff have been phenomenal. They have gone out to many areas to see what can be fixed in-house or with their on-call drainage contractor. They have almost completed their field investigations and they have begun giving assignments to their consultants such as Woodard and Curran, Tighe and Bond and others. There may be a few more task orders for this in the next few months.

Chairman Tsiranides stated that he is happy to see this coming forward with a reputable engineering firm and hopefully they will see actions sooner than later and help with the flooding issues.

****MR. KEEGAN MOVED THE ITEM**
****MOTION PASSED UNANIMOUSLY**

11. **AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE A SECOND AMENDMENT TO THE ORIGINAL AGREEMENT(S) WITH H.W. LOCHNER FOR DESIGN AND COORDINATION SERVICES DATED SEPTEMBER 29, 2016 IN CONNECTION WITH WALK BRIDGE PROGRAM (STATE PROJECT NOS. 201-0176, 301-0188, 301-0187, 102-297, 301-180) FOR A TOTAL SUM NOT TO EXCEED \$260,179.49 – STATE'S SHARE.**

ACCOUNT NO. 100% STATE REIMBURSABLE
09 18 4062 5799 C0613

Ms. Valadares reported on this. She stated that H.W. Lochner is the consultant for WPCA for all the sewer related design and construction administration for all the affected sewer that will be done under the Walkbridge Program. She said it is a municipality utility and they are allowed to receive a 100% reimbursement. The City has a master agreement with the State DOT and that is the reason they need to go through this process and approve with the authorized letter from DOT so they can go through the channels to continue awarding the design. The second amendment is extremely good for the City and will apply to a force main sewer line from Veterans Park going up to Four Point Street. The original design was just the gravity line but then when they went through how they would do the construction on that area, they realized that if it was a force main it would be easier to install because there will be a small pipe and it could be installed not as deep. That will give them more State on the right-of-way on the road and they are also going to have the Eversource high tension lines also running up there plus the new drainage coming down. They proposed to the State if they would consider paying for an upgrade of the extension of a force main and with that, they would have to upgrade their sewer pump station which is located on the Veteran's Park. She said now that they have the approval, they will have the consultant design that on behalf of the City. She said that this would be the design for the force main as well as the upgrade of their sewer pump station.

Chairman Tsiranides asked as this is being completed will there be the input of the Public Works Department.

Ms. Valadares said that after construction this would be awarded under the Walk Bridge Program and DOT and their inspector would oversee the installation. She said they would be the liaison. They will not incur any expenses related to that besides the construction administration. As part of the contract with Lochner, they put hours for site inspection that is covered by the State as well.

****MS. SMYTH MOVED THE ITEM**
****MOTION PASSED UNANIMOUSLY**

- 12. AUTHORIZE THE PURCHASING AGENT TO ISSUE A PURCHASE ORDER TO FREIGHTLINER OF HARTFORD, EAST HARTFORD, CT. FOR THE PURCHASE OF ONE (1) 2023 M2 106 FREIGHTLINER PLOW TRUCK FOR A SUM NOT TO EXCEED \$176,474.20.**

ACCOUNT NO. 09 22 4031 5777 C0313

Mr. Carr reported on this. He said that this freightliner is a plow truck that is going to be the first of three (3) replacements for their 1995 Ford L9000s. Their heavy-duty plow truck fleet is composed of primarily Mack trucks which is the standard that the Superintendent of Operations migrated towards over the last recent years. He said they have primarily Mack, some Sterlings and some older L9000s. This is a special plow truck and will be their first heavy duty V-plow truck so basically it would allow them to better negotiate and get through tight streets more efficiently, faster, better operations and better safety. This would be designated for Route 25 and Rowayton. He explained that v-plows are typically used for

smaller areas like sidewalks. He said the blade looks like a v and pushes the snow to different sides and gets into smaller/narrow areas. This is the first heavy duty v plow they would have. He said they have 26 plow outs and nine (9) additional spare trucks to for a total of 35 plow out at any given time during the snowstorm. He said that does not include light duty plows or plows on pickup trucks. 26 of the plows are the newer best trucks and then they have the nine (9) spares that they would circulate when needed.

Mr. Livingston said that Mr. Carr noted that they primarily use Mack trucks and asked if he foresees any issues with switching manufacturer in terms of replacement parts and service.

Mr. Carr said that Freightliners are still a very good brand. He said Mack, Volvo, Freightliner are all very good. He said Freightliners are more reasonably priced at Mac quality without the cost. He said they last a long time.

Mr. Torre said they are not switching from Mack to Freightliner. He said the v-plow heavy-duty trucks aren't compatible with Mack trucks yet. He said it is not just Rowayton however, that is the route they are going to put it in to see how it works because it is one (1) of the smaller routes in the City and one (1) of the tightest as well. The hydraulics for the v-plow do not line up with the hydraulics for the Mack trucks. The Freightliner is the next best option. The State of Connecticut DOT standardized truck is the Freightliner. He said they can receive parts quickly with Freightliner and have investigated that prior to considering purchase.

Mr. Livingston said that he is sure they did, and he was only commenting because he knows that they work with and should take every ounce of their existing trucks and wondered if that affected anything. He said he understands what they are doing, and he thanked him.

Mr. Torre said the Kossuth area off Lexington is very tight in the winter when you're trying to plow. Cottage Street in East Norwalk is also tight when plowing. He said eventually they would like to get three (3), four (4) or five (5) of those trucks in those tighter routes. He said those trucks would step up their game.

Chairman Tsiranides asked about the lifespan for those trucks.

Mr. Torre responded that the truck that is being replaced is a 1995 L9000 and they keep their trucks until they are dead. They never sell or trade in a truck that is drivable, and they will use it for scrap metal until it is no good anymore.

Chairman Tsiranides asked if approved, when would they expect delivery.

Mr. Torre responded as soon as possible.

****MR. LANGELLA MOVED THE ITEM**
****MOTION PASSED UNANIMOUSLY**

13. APPROVE THE REVISIONS TO THE CITY OF NORWALK DEPARTMENT OF PUBLIC WORKS STANDARD DETAIL DRAWING – “HISTORICAL LIGHTS, LIGHT POLES, LIGHT POLE FOUNDATIONS AND CONDUIT TRENCHING”: A) INCORPORATING THE NEW PROPOSED 40 WATT, 2700 KELVIN "WILLIAM & MARY" STYLE, DARK-SKY COMPLIANT FIXTURE THAT SOUTH NORWALK ELECTRIC AND WATER IS PROPOSING WITHIN THE SECOND TAXING DISTRICT; B) FOR THE OTHER DISTRICTS ALL NEW ORNAMENTAL LIGHTNING FIXTURES SHOULD BE DARK-SKY COMPLIANT WITH LUMEN LEVELS NOT TO EXCEED RECOMMENDED IES STANDARDS OF 2700 KELVIN OR 3000 KELVIN FOR COLOR TEMPERATURE.

Mr. Alan Huth of SNEW gave the Committee background on the project. He stated South Norwalk Electric and Water has been providing electric lighting for the City of South Norwalk since 1892. They have approximately 1800 cobra head style lights and about 400 ornamental fixtures which include fixtures on the new developments of Raymond/Day where the old Washington Village was. They recently completed replacing all their cobra head style overhead fixtures to a full cut-off type fixture which is dark style compliant, and the color temperature is warm. He said they had a lot of good positive feedback on their traditional overhead high pole lights. Now it was time to replace the ornamental low pole style lights and they received quite a bit of kickback and complaints to some of the brighter, the glare that some of the fixtures are producing, both new and old. Mr. Huth said this project that is fully funded by SNEW to replace these lights and is expected to dramatically reduce glare, improve safety and the overall appearance of South Norwalk.

Chairman Tsiranides reiterated that the cost would be funded by SNEW. He then said moving forward with LED versus what they use now, which is?

Mr. Huth said the old pole tops, their standard was 150-watt high pressure sodium that gives you that orange glow which is 2200 kelvin. The City spec lights that have been interspersed in some of those projects are 80-watt fixtures, they are LED but they're 80 watts and they are not dark sky compliant, and the color temperature is 4,000 and above. He said what they have now is a mixture of various colored and output lights from 4,000 and above color temperature all the way down to 2200 with that old high-pressure sodium. It is a hodgepodge mix of multiple colors, multiple intensities, and this project is intended to reduce light pollution and glare and have everything look the same. He said they are very excited about this project.

Ms. Valadares added that there are two components to this item. The first is proposing to change the fixtures. She wanted to let them know that they are not the round fixtures that they are used to seeing but more of a straight shape which can be viewed on the design in the backup. She said if this gets approved, that would be part of the standard for the whole South Norwalk and Cedar Street district for all the ornamental lights. She said the other component of this item is a request for dark sky compliant and they are going to have a different color standard with a range between 2700 kelvin and 3000 kelvin depending on the area for the other ornamental lights that is out of this new district. She said the idea is that they are not going to go out and replace all of them, as of now the City does not have the budget for that

but they may reach out to some of the electrical companies that are in other districts to see if they have any interest in or changing those existing bulbs. In the future for any new development that will be supplying new ornamental fixtures will also have to provide dark sky compliant and with a different color temperature.

Chairman Tsiranides asked for an explanation of dark sky compliant.

Mr. Huth explained that for decades now there been movements to install dark sky compliant lighting in the municipal installations. Essentially it prevents or helps to reduce light pollution and glare by placing the light where it's needed on the ground as opposed to up into the air and into apartments and bedrooms. It concentrates the light output where it's needed as opposed to spreading it out across the entire globe, for example globe type fixtures. He said dark sky and full cutoff fixtures have become standard now and the City should be following. He said it makes for a much more pleasant nighttime lighting environment in the City. He said a perfect example of how not to do lighting is to go to Calf Pasture Beach at night. He said those fixtures blind you and because of the light one cannot see the Long Island Sound as the light shines in your face and not on the ground. Light up the pathway is kind of the idea behind dark sky compliant.

Chairman Tsiranides asked if the Historic Commission or any other commission/committees involved get a chance to weigh in on those fixtures and give any feedback and are they ok with said fixtures.

Mr. Huth responded yes.

Ms. Valadares stated since this request is from SNEW, the City did not reach out to anyone. She said that would be up to SNEW to reach out to them. They are just making sure that they would be able to implement that as part of their standard by putting in front of the Committee for approval.

Chairman Tsiranides thanked Mr. Huth for joining them. He asked if it's going to be less electrically used as well.

Mr. Huth said yeah, they are really excited about this. He said they are going from a 150-watt fixture to a 40-watt fixture and that is the environmentally sound thing to do.

Chairman Tsiranides asked Mr. Carr and Ms. Valadares if this item will go in front of the full Council.

Ms. Valadares responded yes.

Chairman Tsiranides stated that this will go in front of the full Council and if there are any other neighborhood associations with question or concerns, they just like to address those in advance.

Mr. Huth responded that he understood. He said they have discussed this with their own internal board and commission at great length. He said this project has been going on for over a year.

Chairman Tsiranides stated that better lighting helps especially in the South Norwalk Area and going forward with LED cost efficient is the way of the future and a good idea.

Mr. Livingston said Ms. Smyth and Ms. Young and himself had a walk through with Dave Westmoreland and he showed them all the fixtures and told them how he came about finding the appropriate historic fixtures. Mr. Westmoreland used to be Chair of the Historical Commission and is very much still involved.

****MR. LANGELLA MOVED THE ITEM
MOTION PASSED UNANIMOUSLY

INFORMATION / DISCUSSION

A. DISCUSSION

1. PROJECT STATUS

a. SEDIMENT REMOVAL CONTRACT UPDATE

Ms. Valadares reported on this. She said the project is almost complete. They are waiting for the materials for 264 West Cedar Street that should arrive on Monday and should be done within two (2) weeks. Other remaining punch list items from the original scope is complete.

Mr. Carr added that the sediment removal from the waterways it's not a flood mitigation measure, it is maintenance. The reason and theory behind it are if you are maintaining all the waterways, you will eventually get rid of all the sediment and eventually improve hydraulic capacity and flow, He said that some areas in the City are more clogged than others. The ongoing maintenance eventually led to a larger broader effort where if you keep cleaning each of those segments, it improves the flow but also buys time so instead of the watercourse filling up three (3) feet in a half an hour, it could fill up six (6) feet in an hour and a half. That doesn't change the volume of water you're getting if you're in a low spot and it doesn't redirect or divert water away from a flooding area, but it does help the water to move through quicker so that other drops of water don't accumulate or combine peak flows together. He said so when water droplets a, b and c can get downstream quicker and not combined with water droplets d, e and f, there would obviously be a reduction in water elevation inside the channel which avoids over topping which avoids water coming out to people's lands and property. He said it is not a flood mitigation measure it is purely just maintenance.

b. BETTS BROOK / DREAMY HOLLOW ESTATES AND NEW CANAAN/PONUS AVENUE FLOOD MITIGATION IMPROVEMENTS

Mr. Carr reported on this. This study is comprised of 400 acres, and it started the summer of 2019, and they had the first public forum in November 2019, and they are pleased to say that it is a construction project that includes drainage improvements and sanitary sewer improvements which are critical. He said a lot of the areas where the sanitary sewer overflows are related to stormwater but are also related to back pitched sanitary sewer pipes which means they flow the opposite way, and they don't/can't go uphill. He said there are sags or bellies in the pipe which obviously impact flow or sanitary sewage especially where grease and debris could accumulate. He said there are a lot of issues in there with the sanitary sewers so rather just looking at just the drainage, they felt it was the opportune time to include the sanitary sewer improvements. There are also watermain improvements in the area and a small portion of gas main improvements as well due to the relocation to accommodate their proposed utilities. Mr. Carr stated that it is really a sanitary sewer and drainage improvement project. He said they are pleased to say from the hard work of Woodard and Curran, especially his staff, they will be bidding out the project in late October and they are waiting for a final construction cost estimate. The project may be a little high in cost because they are including sanitary sewer improvements and water main improvements which was not in the original scope but they realized early on they needed to improve both of those, more so the water is getting improved only because it is in the way of their drainage and storm sanitary sewer but they will be using various funding sources so there will be a cost sharing between the WPCA capital fund project and also engineering capital fund. He explained the bid process.

Ms. Smyth asked if there would be any funding from the State since Rte 123 is a State road.

Mr. Carr answered that Woodard and Curran are looking into additional funding sources. He said they still must coordinate with the State and let them know about the plans. He said their improvements would have to go underneath route 123 and it's going to require some level of coordination and approval from ConnDOT to basically put new storm pipes across their road. He said they have had high level preliminary discussions with them, and they seemed to be onboard. He said he does not know if they would get State funding for this, but he will pass along to Woodard and Curran. In the meantime, they are looking into FEMA and DEP grants to offset the expenses with as much revenue they could possibly find.

c. CURBS, SIDEWALKS AND PAVING

Ms. Valadares reported on this. She discussed the paving program. She said they are milling West Rocks between St. Mary's and Cannon and Hemlock and Butternut. In between that area, the First Water District has a project and they have begun the test pits so as soon as that is completed it will be paved and then they will close those two (2) sections. Then they will move to Soundview with Hadik, Cliff and Aviation which may be the last streets paved this year. Hadik

must be reclaimed and may take a bit longer. If everything goes well, they may be able to complete the block on Woodward but if they can't get to it, it will be done in the Spring. On sidewalks, they are still on Center Avenue Area. The second crew is back and is working on West Rocks where they had to put in a couple of ADA ramps so they could pave and then move to Rowayton Avenue and then maybe Elmwood. She named the locations the first crew is working on. The on-call drainage contractor is ahead of the sidewalk crew. She said there is on-call drainage they are doing in-house to alleviate some flooding on Crest Street this week and then move to the Plymouth area where they found a couple of combined sewers with storm that they are going to disconnect will be an improvement to the City. Once they finalize drainage, they can finish the sidewalk.

Mr. Carr said that they did encounter eight (8) catch basins that collect storm sewer that were tied into the sanitary sewer. He said a connection to the storm sewer, or a pipe catch basin to sanitary sewer is known as an inflow source. Infiltration is typically from groundwater and inflows from everything other than groundwater. He said the theory is that by eliminating those eight (8) catch basins that are collecting rainwater, you're going to have that much rainwater not going to the wastewater treatment plant which helps and supports the City's ongoing initiative with reidentifying and removing as many sources of inflow and infiltration as possible throughout the sanitary sewer collection system.

B. TREE OPERATIONS REPORT AND PROGRAMMING

Mr. Torre went over the report.

Mr. Carr said they have not forgotten to add the new plantings column to the list but will have it for the next meeting.

Mr. Livingston gave a shout out to Mr. Carr's team and TMP because the trees on Wilton Avenue fantastic. He said people should drive by and see them.

C. MONTHLY SOLID WASTE REPORT –AUGUST 2021

Mr. Carr reported on this. He said the numbers trend towards pre-covid conditions. MSW which is garbage/municipal solid waste there is a decline of 6.1%. Curbside collection has a 6.5% decline. For total tonnage out from the City to the Transfer Station total tonnage, which is attributed to more people going back to work, curbside recycling collection has gone down 4.5% but the transfer station collection has gone up by 8.5%. They are down by 4% compared to last year. The revenue is up approximately 3.5% when compared to last year.

Mr. Livingston asked if that reflects the new tipping fees.

Mr. Carr responded yes, and it was effective July 2021.

D. TROPICAL STORM IDA SPECIAL BULKY COLLECTION REPORT

Mr. Carr reported on this. He thanked Mr. Torre and Ms. Paladino and their crew. He said they had 26 staff deployed throughout the City on September 15th and 16th for a special flood damage bulky collection from Ida. They had 12 drivers, 12 laborers and two (2) operators and that doesn't include the managerial staff. He said they had about 260 collections or pick-up points, collected 39 tons of bulky waste and collected about five (5) tons of metal. He said they didn't collect toilets, sheetrock, or construction debris because there are a lot of logistics and permit restrictions from Connecticut DEEP.

Chairman Tsiranides thanked Mr. Carr and his crew for implementing the special bulky collection pick-up as quickly as they did.

E. FOOD SCRAP DROP-OFF REPORT

Mr. Carr reported on this. He said they analyzed last fiscal year's numbers and approximately 35% of all the food scrap composting was delivered to the transfer station last year and approximately 65% was delivered to the Rowayton Community Center. This year, which only has two (2) months to start, the transfer station has collected approximately 31% of the tonnage and the Rowayton Community Center has collected approximately 69%. This year's split is like what they finished with last fiscal year. The staff has confirmed that the third location which has not been implemented yet because they are waiting on notification from the State to find out if they received the \$15,000 grant for Connecticut, Recycle CT, which would subsidize and help pay for the third location that will be added to the food scrap drop-off program. The third location may be Cranberry Park. They are going to work with Recreation & Parks about the logistics. Although there were a few locations suggested, they felt Cranberry park would be the most efficient for the third pick-up point. The \$15,000 grant funding is for the expansion of the program and that is why they haven't begun the third location.

F. ROWAYTON AVENUE BRIDGE REPLACEMENT STATUS

Ms. Valadares reported on this. She said they are making a lot of progress. The contractor is finishing up the design and now he's just confirming the hydraulics of the new proposed covert. She said they are making sure that what they use to replace that bridge will not affect the hydraulics. They are meeting the existing conditions exactly. She said the proposed cover box will be able to handle the same amount of water as before. She said that is very important to them because they don't want any flooding related to a change on the bridge. They received approval from the Conservation Committee and now they have a municipal level of approval for the bridge replacement. They are waiting on DEEP and the Army Corps approval and until then they do not have a final design, they can submit to DEEP, but they will have a meeting with them next week. They have been speaking with a bridge contractor to engage as an emergency repair and said they would be able to get the materials very fast because they are very well known in the industry. The contractor gave them a quote on the proposed cover that they are initially considering and should have an estimate by the end of the week. She said they may not begin until around Thanksgiving and they expect at least eight (8) weeks of work. All of this is considering that all the permits will go well so the only issue that is not clear yet is whether they will get the permits from DEEP and Army Corps.

Mr. Livingston asked what they put on the surface since the asphalt plants are closed.

Ms. Valadares answered that the contractor can get hot asphalt from New York.

Mr. Torre added that Mt. Vernon usually stays open all year round.

ADJOURNMENT **MR. KEEGAN MOTIONED TO ADJOURN
MOTION PASSED UNANIMOUSLY
MEETING ADJOURNED AT 9:00P.M.**

NEXT MEETING: **TUESDAY, NOVEMBER 2, 2021
PUBLIC WORKS COMMITTEE
7:00 P.M. LOCATION TBD**











