



MEMO

TO: Finance Committee

FROM: Paula Vandehey, Director of Public Works *PAV*

DATE: October 6, 2020

SUBJECT: **Request from Kevin Frey to cancel his sanitary sewer lateral special assessment of \$1,716.00 for 1105 W. Summer Street.**

The existing vitrified clay sanitary main in W. Summer Street was installed in 1928 at a depth of about 8'. We believe Mr. Frey's existing vitrified clay sanitary lateral at 1105 W. Summer Street was installed around 1928 as well. A new PVC water main was installed in 1990.

On 12/31/2003, Wayne VanHandel took out a permit to slip line the vitrified clay sanitary lateral. If the water main had "hit" the sanitary lateral in 1990 it would not have "pushed" the clay lateral up, it would have broke the lateral or augered right through it. This would have made it nearly impossible to slip-line the lateral in 2003.

The lateral could have been back pitched when it was installed around 1928 as Mr. Frey suggests. When reviewing the 2012 sanitary sewer video of the sanitary sewer main in front of 1105 W. Summer Street it appears a spot repair was done at the tee of the sanitary sewer main as the material changed from clay to pvc at the tee. The lateral at the tee also looked to have about a 1' riser on it.

When we installed the new sanitary sewer main and lateral to 1105 W. Summer Street we eliminated the approximately 1' foot riser and installed the new lateral to the property line. The only decision that had to be made was whether to install the sanitary lateral under or over the existing water main. The contractor and our inspector decided to go under the existing water main to give the property owner more options in the future if the sanitary lateral was ever replaced from the house to the property line. (See attached Inspector's Daily Sewer and Water Report.)

Based on the above information, staff recommends the Finance Committee DENY the request to cancel the sanitary lateral special assessment for 1105 W. Summer Street.

Attachment

Inspector's Daily Sewer and Water Report

Project Location: **Summer St**
 From: **Gillet St**
 Contractor: **Kruczek**

To: **Richmond St**
 Foreman: **Matt**

	Excavation		Trench		Pipe					
	From	To	Width	Depth	Bedding	Backfill	Type	Size	Joint	Supplier
Sanitary And Storm Sewer										
Water Main	Excavation		Trench		Pipe					
	From	To	Width	Depth	Bedding	Backfill	Type	Size	Joint	Supplier

Location of 0+00														
Address	Station	Size	T-Y	Type	Address	Station	Size	T-Y	Type	Address	Station	Size	T-Y	Type
House Services	1105	18+42	Y	PVC										
	1107	17+91	Y	PVC										
	1115	17+39	Y	PVC										
	1119	16+89	Y	PVC										
	1127	15+90	Y	PVC										

Remarks: Relayed sanitary laterals to 1105, 1107, 1115, 1127 and 1119 with 6" PVC. The existing 4" PVC sanitary lateral to 1105 is back pitched from the property line to the house. I notified the property owner of the pipe being back pitched and his lateral may still back up because of it. Contractor lower the sanitary lateral in the road and installed 2 45 degree bends at the property line so if the property owner decides to fix the sewer lateral he will be able to lower the lateral and have positive pitch on the pipe.

From: Kevin Frey <kfrey@vpind.com>
Date: September 16, 2020 at 12:14:34 PM CDT
To: Randey Felton <Randey.Felton@Appleton.org>
Subject: sanitary 1105 W. Summer st.

Randy,

I observed the excavation and the running of my sewer lateral to the property line. When they exposed the lateral and the water main it appeared that the water main that was pushed under the trees years ago pushed my pipe up. My line was cut and the remaining to my house drained into the trench no problem. In watching and listening to the crew and your inspector on site it appeared that they couldn't lay the new lateral over the water main because it would drain back to my house as it has been. They had to dig under the water main, Turn the connection on the new sanitary main 90 deg. Flat with the main pipe in the center of the street.

I can see from a clean out in my basement that my pipe is now dry and have watched it over the past two weeks since the lateral was replaced to the property line.

This would explain the repeated cost to me to have the lateral flushed out.

This said, I feel that the assessment on my property for the cost of the lateral should be assumed by the city of Appleton.

I look forward to your response to this matter.

Kevin Frey
Maintenance Manager
2730 N. Roemer Road
Appleton, WI 54911
(920) 749-5859
(920) 749-5865 (Fax)
kfrey@vpind.com<mailto:kfrey@vpind.com>

[cid:8d062867-b7c1-4c99-b1d3-34fd20537293@VPIND.com]

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Paula Vandehey

To: Randey Felton
Subject: RE: Summer street from Richmond to Gillet Street

From: Kevin Frey <kfrey@vpind.com>
Sent: Tuesday, December 31, 2019 8:28 PM
To: Randey Felton <Randey.Felton@Appleton.org>
Subject: Re: Summer street from Richmond to Gillet Street

Randy,

It was about 25 years ago today, New Years eve day that fell on a Friday and with the information, about my shit tube to the street at that time and had, and a dire situation of not only being level at best, was breached by the silver maple tree roots out front on the terrace. It wasn't only breached but had a dip in it just past the city sidewalk that was confirmed with cutting technology, a camera, back then a huge cost to me.

I had an opportunity with the renal store closed on Saturday the first and Sunday always free, so that meant one day rental on a backhoe. I thought great one day rental and two days free with little frost and snow like today.

Young and dumb got diggers hotline out on an emergency status call. Rental place let me have it Thursday evening, so at first light I commenced on digging from my foundation and undermining the city sidewalk walk a bit. I had no clue that I would was not able to do this as a property owner. I was down to the clay tile with my walk to the house set aside and the dirt piled up and a load of stone staged in the street.

Got that far on Friday the 31st and it was noontime. Got off the backhoe grabbed a sandwich and a beer went out front and had a city inspector waiting for me and asking what the he'll I was up to, (a bit more to the point back then) and wasn't apparently pleased,he wanted to get off early for his New Year's Eve celebration and long weekend.

I explained to him my plan was going to remove at least 10' of the clay tile push 4" X 10" sections of PVC thru the remaining tile from the city walk into the main sanitary cut at a slight angle and pushing into and pulling back after I hit a hard stop, so I didn't impede the flow in the street. Final connection on my side was going to be a Furnco connection from the clay to the PVC pushed to the city.

He immediately shut me down and said (with expletives), it was a good plan but I wasn't licensed. Wow an ooh shit moment. I had and did get a licensed contractor to inspect and qualify my work and I think I had to get a quick permit or he let it slide (can't remember) since he wanted to get to his plans for the long weekend. The inspector came back and watched me cut at an angle and push the PVC into the Main and directed me how far to pull back, stayed until all pipe was glued, furnco secured and even instructed from above of course how to level the new pipe section out with gravel and gave the go ahead to back fill. He also was the one that suggested that the city should have put the sanitary lower and I only took care of an immediate situation but I would continue to have problems.

He was great and I think that he liked that I was a dung ass with a sensible and save plan and execution. Wis I remembered his name, I think we learned a bit from each other.

Another bit of history and an interesting story of life's experiences and how we gain knowledge of what we can achieve.

On another note don't go into a ditch filled with you own shit with new Redwing boots on your feet. That may have been my biggest eye opener, pair of Muck-lucks, after it was all said and done.

1105 W. Summer.

Kevin

Sent from my iPhone

On Dec 31, 2019, at 8:55 AM, Randey Felton <Randey.Felton@appleton.org<mailto:Randey.Felton@appleton.org>> wrote:

Good Morning Kevin,

Thank you for the information. During this year's construction the City will install a storm lateral to your property. The storm lateral will be installed to your property line and you can connect to it at any time. Once you connect to the storm lateral, the discharge from your sump pump will go directly to the storm sewer.

The City will also be replacing the sanitary sewer main and laterals (to the property line) on Summer Street from Richmond Street to Gillett Street. Typically the City does try to install the new sanitary mains somewhat deeper, however knowing that there may be a problem with the depth of the main on Summer Street I will try to lower the main even more. By quickly looking at the slopes of the existing sanitary main on Summer Street, I believe I can lower the main by at least 6" if not more. By lowering the main by at least a half foot I'm hoping this will help you and others on Summer Street.

I will also take a look at your settled terrace and see if we can take care of this with this year's project.

Again, thank you for your input as this is good information to have before we bid out the project.

If you have any additional questions or would like to discuss this further, please let me know.

Thanks,
Randey Felton

Randey Felton, P.E.
Project Engineer
City of Appleton
Department of Public Works
920-832-6483
Randey.felton@appleton.org<mailto:Randey.felton@appleton.org>

From: Kevin Frey [mailto:kfrey@vpind.com]
Sent: Monday, December 30, 2019 9:49 AM
To: Randey Felton <Randey.Felton@Appleton.org<mailto:Randey.Felton@Appleton.org>>
Subject: Summer street from Richmond to Gillet Street

Randey,

Yes my sump pump runs constantly thru the year and discharges out the front of my house. Since the city reconstructed the sidewalk to the corner of Summer and Summit streets for the ADA ramp 20 plus years ago the water just runs down

to the sidewalk. They literally lowered the corner by almost 2 feet that's how high the curb on that corner was. Have ice problems as well as in the summer months slippery algae on the walkway that is always wet.

I am the lowest on the entire block and everything drains to me all the way from the opposite corner of Mason and Spring St. Previous owner put in a drainage system to summer but that was taken out by the city when the new street was paved along with next door building a garage next to me. Boy they are in deep crap because now the surface water in moderate to heavy rain pools in his back yard and pours thru his basement windows.

I don't know the proper term but the hydraulic pressure/water table gets so high that my sump can't keep up and I actually have had in the middle of my basement floor a leak like a bubbler, no shit 6" at least of a water stream on several occasions.

When the water main went thru on summit street to the side of my lot the contractor hit a river we could actually see a slight current. They never back filled that properly by the way. The sod is at least 3" below the curb and sidewalk from Wisconsin av. To spring st. They cheated the city as well as my driveway apron sunk also.

The city talked about putting sump pumps and down spouts along this stretch of summer st. underground to each property to help alleviate this but that was a couple decades ago and went no place.

I have another pretty big issue with being the lowest on the block. My sanitary connection is level if not pitched a bit to the house I have been told that it's because I am low and the city install should have been a bit lower as the house was here before the city line was laid. I don't know if the city is going to drop it a bit. Can you direct me to the proper individual to discuss if it's not you?

Thank you

Kevin Frey

1105 W. Summer Street

Kevin Frey
Maintenance Manager
2730 N. Roemer Road
Appleton, WI 54911
(920) 749-5859
(920) 749-5865 (Fax)
kfrey@vpind.com<mailto:kfrey@vpind.com>