

Doug Greene

From: John Storer [jstorer@awsd.org]
Sent: Monday, August 25, 2014 5:27 PM
To: John Gendron; Frank L. Crabtree; rmarchessault@harriman.com; Eric Cousens; Doug Greene; thebert@hebertconstruction.com; marc@sprinklersystemsinc.com
Cc: Sid Hazelton
Subject: FW: Mechanics
Attachments: Mechanics Savings.pdf; Mechanics sketch.pdf

[Update on Water Service for Mechanics Savings Bank expansion – 100 Center Street, Auburn.](#)

We fielded a few calls today – so in an attempt to provide some clarity on the new water service for the proposed Mechanics Savings project at 100 Minot Ave, I've cc'ed several people. Not sure I got all of the appropriate parties?

The existing Mechanics Savings Bank building would be considered “non-conforming” by our current Water District standards. As such, we would not allow any connections off this line to feed a new building on the same parcel. However, the existing building would be considered grandfathered and can stay as-is. To accommodate the new building there doesn't appear to be any option other than connecting new water service taps to the 24-inch main out in Minot Avenue.

The attached PDF was an estimate I created for John Gendron based on Frank Harriman's proposed Site Plan. The Site Plan showed two new, separate water services (2-inch domestic and 6-inch sprinkler). Per the plan, and my estimate, the proposed work would require 2 new taps on our 24-inch main out in Minot Avenue. I realize this may be a difficult construction issue due to traffic, but a new service tap is required.

One area we have some flexibility is requiring both taps right at the 24-inch main. We would allow a new 6-inch main to come across the street, at which point the 2-inch domestic tap could be made outside of Minot Avenue. This would require a separate isolation valve for the sprinkler system to allow it to be shut-off independently of the domestic service. I apologize for the rough sketch – please see attached – hopefully it provides clarity as to the potential option.

I'm not sure if the time saving for the proposed option is helpful – as it does impact the cost slightly since a new 6-inch isolation valve is required. A price impact is as follows:

- Delete 24 x 2 saddle – save \$765.57; use 6 x 2 saddle instead – cost \$192.64, saves \$572.93,
- Add 2 more 6-inch grip rings – 2 @ \$61.03 for a total of \$122.06
- Add 6-isolation valve for sprinkler line – 1 valve @ \$657.33.

So the proposed option actually costs slightly more in materials - $\$657.33 + \$122.06 - \$572.93 = \206.46 . There really isn't any potential savings for the Water District labor as we will still require a pressurized “wet tap” with the proposed option to ensure the tap is water-tight.

Please let me know if there are any other questions.

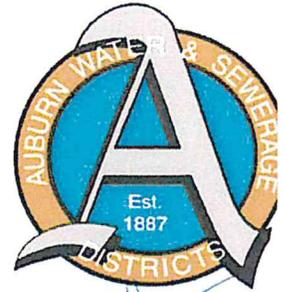
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From: John Storer
Sent: Thursday, August 21, 2014 9:24 AM

FINAL ESTIMATE

Auburn Water & Sewerage Districts

P.O. Box 414
 Auburn, ME 04212-0414
 Phone (207) 784-6469 Fax (207) 784-6460



PROJECT: MECHANICS SAVINGS BANK

DESCRIPTION: New Bldg - 2" domestic & 6" sprinkler

PREPARED FOR: John Gendron, Gendron & Gendron

DATE: August 21, 2014
Quotation #:
Customer ID:
Prepared by: John B. Storer, P.E.

Est. Qty.	ID Number	Description	Unit Cost	AMOUNT
60 lf	20260 FST	6" FST Pipe Ductile CL 52	\$ 16.66	\$ 999.81
1 ea	40440 06RM	24" x 6" SS Tap Sleeve	\$ 1,680.34	\$ 1,680.34
1 ea	39317 1	6" MJ DI RS TAP VLV OR "RED NUT"	\$ 1,041.58	\$ 1,041.58
1 ea	45005	GATE BOX COVER	\$ 23.52	\$ 23.52
1 ea	45070	GATE BOX TOP	\$ 88.44	\$ 88.44
1 ea	45125	GATE BOX BOTTOM	\$ 82.48	\$ 82.48
1 ea	44164-1	6" DI GRIP RING ACCESSORY PACK	\$ 61.03	\$ 61.03
200 lf	46195B	2" x 100' BLUE CTS PLASTIC TUBING 200psi	\$ 2.32	\$ 464.10
1 ea	49050	2" BALL CURB	\$ 406.35	\$ 406.35
1 ea	48990	2" CC CORP	\$ 358.64	\$ 358.64
1 ea	45565	HD SERVICE BOX FOOTPIECE	\$ 26.24	\$ 26.24
1 ea	59435 RM	24" x 2" CC DBL STRAP SERV SADDLE CC	\$ 765.57	\$ 765.57
1 ea	45370	SERVICE BOX COVER	\$ 12.35	\$ 12.35
1 ea	45420	5-6 SERVICE BOX L/C	\$ 35.66	\$ 35.66
1 ea	45475	9/16 X 24 SERVICE BOX ROD	\$ 19.28	\$ 19.28
Total Materials:				\$ 6,065.37
12 hr		AWD Labor & Project Inspection	\$ 33.00	\$ 396.00
1 ea		EJ Prescott - subcontracted 24 x 6 wet tap	\$ 750.00	\$ 750.00
1 ea		Conduct 2" wet tap	\$ 300.00	\$ 300.00
6 hr		Service Utility Truck	\$ 8.25	\$ 49.50
1 ea		AWD Chlorination	\$ 350.00	\$ 350.00
1 ea		AWD Pressure Test	\$ 350.00	\$ 350.00
Total Installation:				\$ 2,195.50
TOTAL				\$ 8,260.87

Notes:

2014 Updated Material Prices are listed. Prices are subject to change.

Pricing gets 6-inch to R.O.W. Included a 200 foot roll of 2-inch domestic so line can be run to bldg without utilizing any couplings.

Owner is responsible for all excavation work and installation of piping. Pricing is for AWSD to conduct a 24 x 6 and 24 x 2 "wet taps", and to conduct final pressure testing, disinfection & sampling.

Please note that no sewer fees are included. Owner is responsible for all sewer installation and applicable impact fees.

Doug Greene

From: Gary Johnson
Sent: Friday, August 29, 2014 8:51 AM
To: Doug Greene
Subject: Mechanic Savings Bank

Doug,

I am sending this through gmail because I am having trouble accessing my Outlook. I need to use Mozilla-Firefox to send emails in Outlook and apparently with the internet issues going on today with Time/Warner, Mozilla is down.

I have reviewed the plan submissions and have the following comments:

There is an existing catch basin near the small building to be removed. The plan is to convert this structure to a manhole and connect two new basins to it. The plans provide an existing invert out, but no size for the existing pipe. The plans do not indicate where this existing basin outlets. I am assuming the size is sufficient to drain the area, since the two new basins are draining the same area. I recall working with Sid Hazelton back in July in trying to figure out where all of the drains on this property went. This is one we weren't sure of at the time. Just want to make sure it doesn't go to the sanitary sewer.

They are seeking a waiver from the requirements of a complete traffic study, which under Chapter 46, Dan has the authority to do. Please check with him to see if he has provided that, if deemed appropriate.

Regarding the waiver request for the size of the curb cuts. Historically, when issuing drive opening permits, we have not taken this distance literally as the distance from end of tip down to end of tip down. We have looked at the throat of the entrance as the determining factor and allowed for a reasonable turning radius for the turning vehicles. In my opinion, the opening sizes, as shown, are reasonable.

It is unfortunate to have to cut into Minot Av for utility connections, particularly almost all the way across for the water. These excavations need to be restored properly and be covered by our street excavation permit requirements. There is a three year maintenance responsibility on the excavating contractor and he could be required to fix the trench long after the work under the site bond is done. Given the volume of truck traffic that may need to be detoured to do the water connection, night work might want to be considered. Again, please obtain Dan's opinion on this.

Any work done within the right of way needs to be bonded and inspected. The utility trenches need to be covered under the street excavation requirements for bonding.

Any excess street curbing is property of the City and arrangements to have transported to PW need to be made.

Hope to make it into the office Monday or Tuesday next week for a little while. See you then,
Gary