

## Fw: Richmond IM 089-2 (52): Hydrate

Stephen Cote <scote@richmondvt.gov>

Wed 6/5/2024 4:06 PM

To: Josh Arneson <jarneson@richmondvt.gov>

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**From:** Hulett, Josh <Josh.Hulett@vermont.gov>

**Sent:** Tuesday, May 21, 2024 10:07 AM

**To:** Stephen Cote <scote@richmondvt.gov>

**Cc:** bob.suckert <bob.suckert@pccivt.com>

**Subject:** Richmond IM 089-2 (52): Hydrate

You don't often get email from josh.hulett@vermont.gov. [Learn why this is important](#)

Steve

Below is the cost that was sent to Brad earlier this month for review.

Josh

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**From:** Hulett, Josh

**Sent:** Monday, May 6, 2024 4:37 PM

**To:** Brad Snow <bsnow@richmondvt.gov>

**Cc:** Cota, Carolyn <Carolyn.Cota@vermont.gov>; Peterson, David <David.Peterson@vermont.gov>; Bob Suckert (bob.suckert@pccivt.com) <bob.suckert@pccivt.com>

**Subject:** Richmond IM 089-2 (52): Hydrate

Brad

Below you will find the cost ECI has provided me to relocate the Hydrate near the fire dept and all related work as outlined on the March 26<sup>th</sup> e-mail listed below. If someone from the Town could let me know I should proceed that would be great.

Thank you for your time,

Josh

[cell: 802-279-2794]

Cost Breakdown for the Hydrant relocation is as follows:

Labor - \$6125

Equip - \$4900

Materials - \$4800

Cost Total - \$15,825

MU – \$2,375

Total - \$18,200

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**From:** Hulett, Josh <[Josh.Hulett@vermont.gov](mailto:Josh.Hulett@vermont.gov)>

**Sent:** Monday, April 22, 2024 9:06 AM

**To:** Phil Foerster <[pfoerster@ecivt.com](mailto:pfoerster@ecivt.com)>

**Cc:** Bob Suckert <[rsuckert@aol.com](mailto:rsuckert@aol.com)>

**Subject:** RE: Richmond IM 089-2 (52): Hydrate

[EXTERNAL EMAIL]

Phil

Please see below in **Red**. If you have any additional questions, please let me know.

Josh

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**From:** Phil Foerster <[pfoerster@ecivt.com](mailto:pfoerster@ecivt.com)>  
**Sent:** Tuesday, March 26, 2024 9:15 AM  
**To:** Hulett, Josh <[Josh.Hulett@vermont.gov](mailto:Josh.Hulett@vermont.gov)>  
**Cc:** Bob Suckert <[rsuckert@aol.com](mailto:rsuckert@aol.com)>  
**Subject:** RE: Richmond IM 089-2 (52): Hydrate

Josh,

Some questions from our team:

1. Looking at the as builts, it looks like the water line below is 12" PVC C900. That likely means the 6" hydrant service line is also C900 PVC. Please confirm. **Yes the line to the hydrant is 6" c900**
2. If this line is PVC, what pressure class is needed? DR 14, DR 18, etc **DR14 c900 the Town believes is the pressure class needed here. for 200 psi if they have that correct.**
3. The 3ea valves are located in the future fill area. We will certainly need to extend the risers to new finish grade, but depending on the depth of the existing valves, we may need to also extend the valve stem. We will verify the depth of the existing valve stem and estimate the final height. Can the Water Department verify the max height that is acceptable? This is usually determined by their valve wrench height. **From finished grade to the top of the stem the Town would like it to be no more than 10 feet**
4. We have concerns that this new water line will be much closer to the edge of the RFD parking lot, that it will make it more susceptible to damage by a snow plow. A lot of times bollards are installed on either side of hydrants to protect it. Just something to consider. **The Town would like the bollards and they understand there is an extra fee for that work.**
5. Will the water department require pressure and bacteria testing for this hydrant extension? If so, what is the test pressure that they would require? **The Town will not require a bacT sample or pressure test as long as someone from our dept. is present during installation.**

Thank you,

**Philipp Foerster**

Sr. Superintendent  
Cell 802-497-8402

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**From:** Hulett, Josh <[Josh.Hulett@vermont.gov](mailto:Josh.Hulett@vermont.gov)>  
**Sent:** Friday, March 22, 2024 13:02  
**To:** Phil Foerster <[pfoerster@ecivt.com](mailto:pfoerster@ecivt.com)>  
**Cc:** [rsuckert@aol.com](mailto:rsuckert@aol.com)  
**Subject:** Richmond IM 089-2 (52): Hydrate

[EXTERNAL EMAIL]

Phil

I was able to secure the as built for the water line near the Fire House. It appears the hydrate will need to be moved approx. 15' from its current location to the edge of the parking lot pavement. The

line is 6" DI. I would suggest you give me a lump sum to relocate the Hydrate. Please look at what I am providing and let me know what questions you have before I give you the Written Order for a cost.

Josh

**Josh Hulett** | Supervisory Resident Engineer  
Construction & Materials Bureau  
2178 Airport Rd. Unit B | Berlin, VT 05641  
802-279-2794 cell

