

**TOWN OF FRASER**  
**BOARD OF TRUSTEE AGENDA ITEM**  
**Board Meeting Date: May 22, 2019**

**SUBJECT: STAFF REPORT**

Rendezvous Water Connection Letter Response

**DEPARTMENT:** Public Works

**PRESENTER/PREPARER:** Russell Pennington, Public Works Director

**FISCAL INFORMATION:**

Cost as Recommended: \$ 0  
Balance Available: \$ 0  
Budget Line Item Number: 000.00.000.000000.000000  
New Appropriation Required: Yes No

**STAFF RECOMMENDATION:** To Require EMF 12 to install new water line connections to the Town's Water Main located within Rendezvous Road and to abandon the existing waterline stub outs.

**SUMMARY AND BACKGROUND OF SUBJECT MATTER:**

Approximately 20 years ago, the water line located under Rendezvous Road was installed with the anticipation of a future development in the location of Filing 12. The developer, anticipating this future filing, installed two 8-inch water line stub outs that would potentially serve the Future Filing 12 without having to make a future roadcut.

The Filing 12 subdivision construction plans have been recently submitted to the Town. The waterline stub outs that were constructed approximately 20 years ago do not line up with the newly proposed roadway entrances to the subdivision. As part of the engineering review, Staff has required that these improperly aligned stub outs be removed and new connections be installed in the correct locations. In discussion with Terry Stanford, he does not agree with this decision and has respectfully submitted the attached letter.

Below are the justifications for my decision:

1. The water line design that is being proposed would not be designed this way if the existing stubs were not in place. This proposed design is not standard practice nor does it foster effective utility management.
2. The current Design Criteria and Construction Standards state in Sec. 14-3-260 (a) (5) "When located in public streets, potable water pipelines shall be located approximately eleven (11) feet north or east of, and parallel to, the roadway centerline." The current proposal to use the existing stub outs has one stub out approximately 105-ft from centerline and the other stub out is approximately 130-ft from centerline. Neither are parallel with the roadway centerline. Along
3. Being consistent with the layout of utilities for an entity is essential for proper utility management. During an emergency such as a waterline break, there is an expectation by the response staff on where utilities are located along with valves to shut the water off. Non consistent utility layout could result in a delayed response to the emergency until the valves and utility layout can be figured out.
4. Inconsistent utility layout also makes it more difficult to perform utility locating prior to design and construction. This is important for design and for safety during construction activities.

5. Valves and manholes are typically located within the pavement and within intersections. During the winter, the streets and intersections have the snow removed allowing for easier access to the valves and manholes. With the proposed design, the valves and lines are located under and within snow storage areas and easements. This has the possibility to hinder access during certain times of the year.
6. The current stub out locations more than likely were located where they are due to a concept plan developed 20 years ago. The previous Public Works Director and Town Engineer would have accepted these locations based on that layout. Installing the stub outs at that time was a calculated risk by the developer. Since the entrances to EMF 12 are now in a different location, staff believes the water main connections should also move.

Map Below Generally Shows the Location of EMF-12

