

## **August 4, 2018 - Fiber connected between PUD/NoaNet and MW**

It occurs to me that many of our readers who have our service already may wonder why so much focus is being put on this Fiber business. Let me tell you why I am excited.

As we install our fiber across Marrowstone we have two up front goals which are:

1. To reach new clients we have not been able to reach via our microwave links.
2. To increase the bandwidth we are delivering to current customers. A good example of this latter is to augment the bandwidth that is currently driving all our Nordland area clients on microwave links. So, the new Fiber will increase the robustness of our whole network on the Island.

Current FTTH (Fiber To The Home) install status stands as this: The Griffith Point FiberHood has 25 homes connected and the new Robbins FiberHood has 2 as of yesterday at 3pm! This, as the Robbins Road / Beach Drive Fiber Head-End control box is being networked into the PUD/NoaNet Fiber connection from Four Corners. For those techies out there, we are assigning fixed public IP addresses in both the IPv4 and IPv6 address spaces for this and all future FiberHoods on Marrowstone. I expect Internet traffic flow in the Robbins Fiberhood by this coming Friday. In the photo at the right, is our FTTH box mounted at the first home in the Robbins Fiberhood!

BTW: The challenges of a rural fiber network are because there is no “cookie-cutter” common solution to connecting an individual home. No two are alike and each home connection must be figured out or “engineered” separately. Some are simple but, most are not. Some are next to impossible without large investments which some can afford and some cannot. These last cases are the biggest challenges for us...



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