

Current state of Fixed Point Wireless

Started by leasing two towers from the county
Connections made 400

Primary frequency used 5ghz
All of the spectrum/frequency is being used

2019 negotiated proportionate lease pricing

2019 -2021 plans

Enhancing PtP to a licensed frequency

Transitioning to CBRS 3GHZ – database managed by three primary vendors.

2019-2020 quantifying demand in the Maple city area

Obstacles

Lease renewal and addition of towers pending for multiple years.
Waiting on lease agreement. CCC signed in good faith Nov 2019.

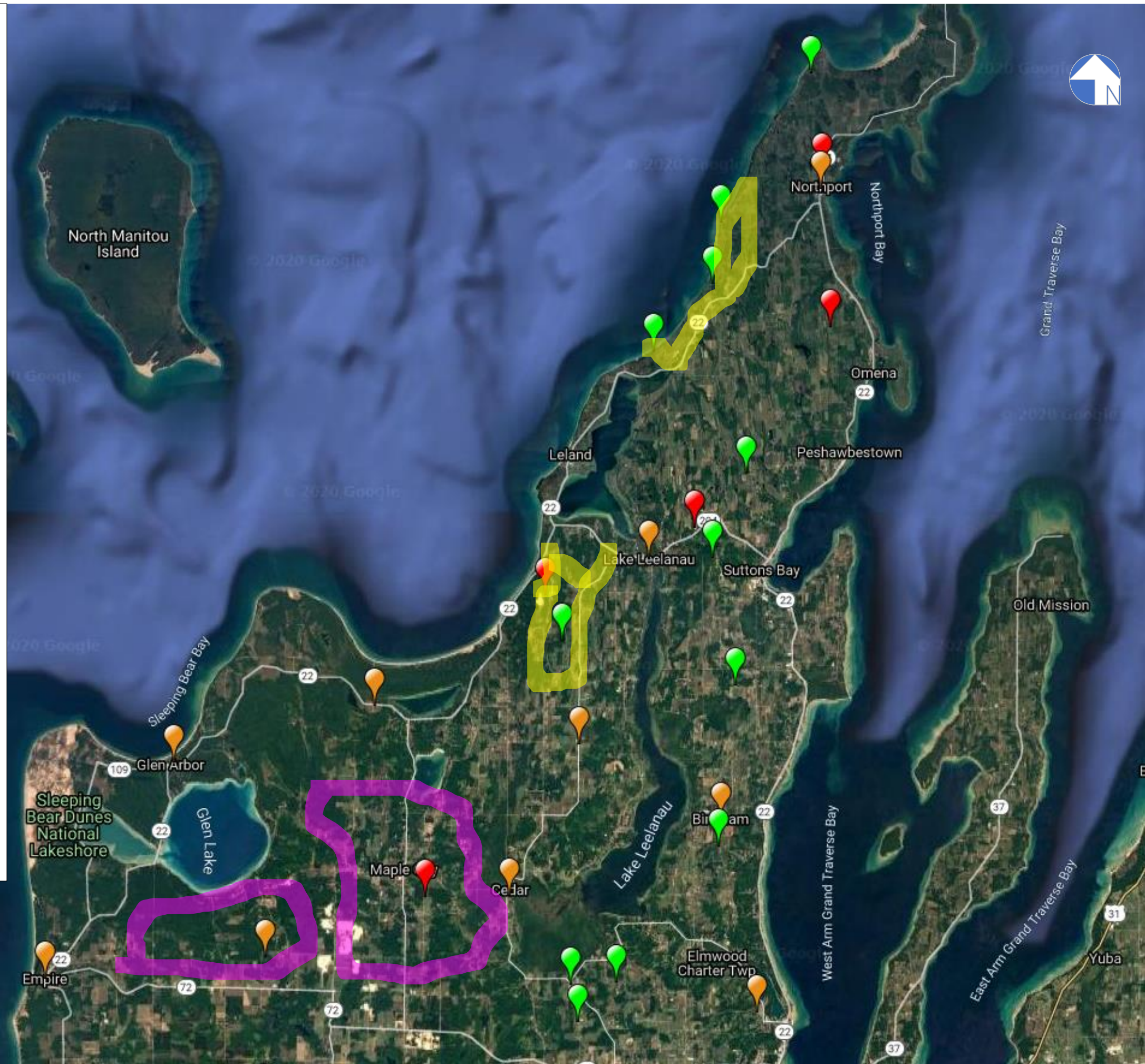
Spectrum backbone from the area to our datacenter. Being replaced 2020. Spectrum fiber in decline, not responsive to various requests to improve routing paths, BGP for our IPV4 schemas and numerous other concerns

Can not get our French road tower inspected. This is a green site – no on-grid electrical

Lack of backbone - Encouraging second backbone provider to participate

Legend

- Blue Triangle is meet point for regional backbone
- Red balloon is county tower leased for over 15 years
- Green Balloon CCC owned tower
- Gold/Tan balloon township offices
- Yellow highlight 2020 and 2021 Fiber to the home builds
- Purple highlight possible RDOF funding area



2020 fiber plans

Secured backbone from the area to our datacenter

Quantified demand

200 planned during initial construction

Service area 350 households

Encouraging second backbone provider to participate

Legend

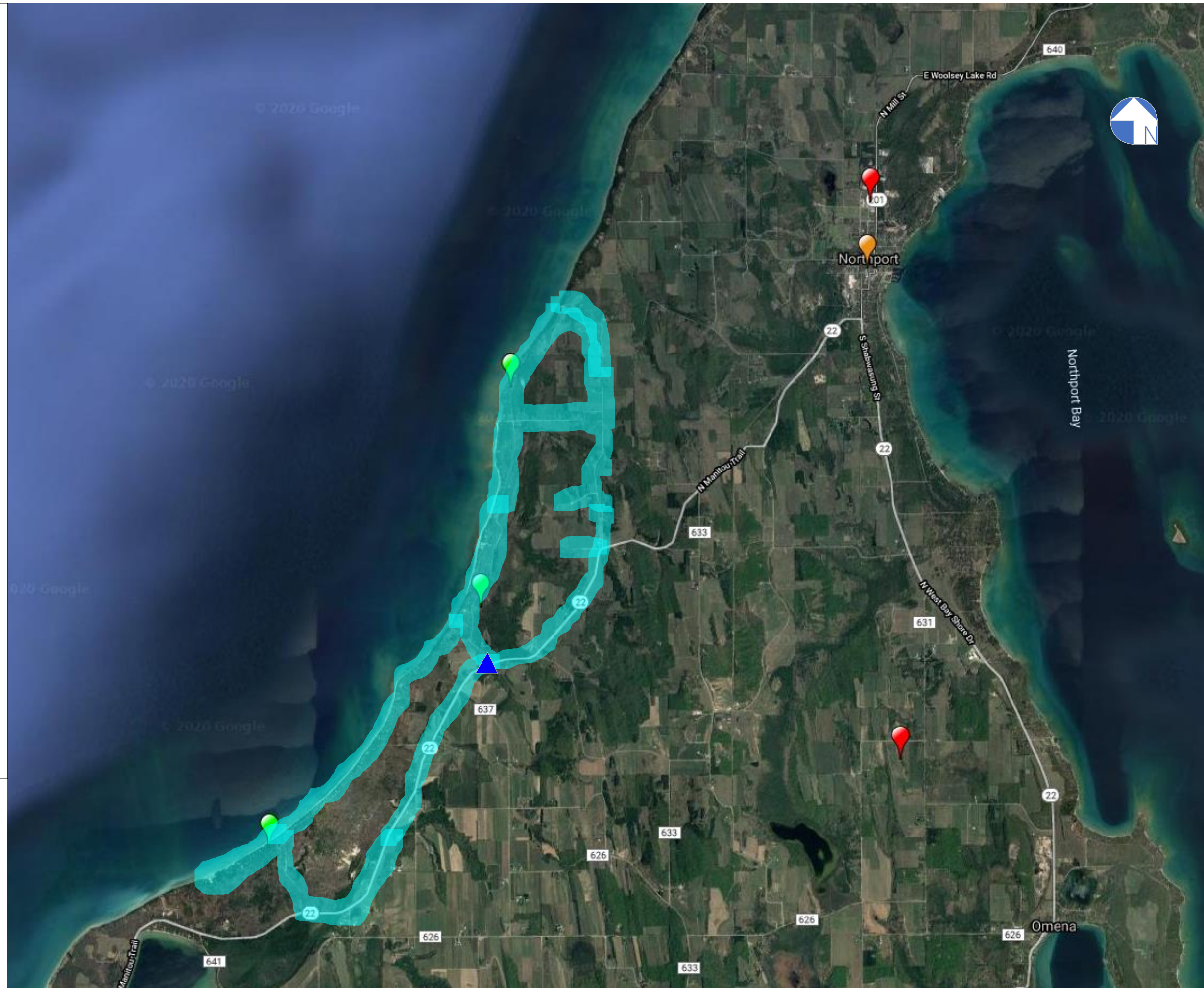
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Green is proposed fiber path

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2021 fiber plans

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Quantifying demand

Encouraging second backbone provider to participate

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