

LEELANAU PENINSULA
ECONOMIC FOUNDATION

Leelanau Internet Futures Team Rural Broadband Planning Overview and Recommendations

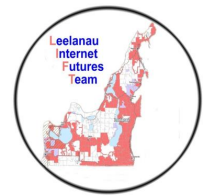
Presented by:

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Technology
Design

Timeline



2014 – Leelanau Peninsula Economic Foundation (LPEF)



2016 – Leelanau Internet Futures Team (LIFT)

2021 – BoC engages with DCS to physically map and inventory the exact state of Broadband service for the 22,700 parcels across the county

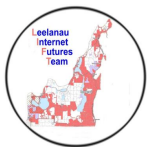
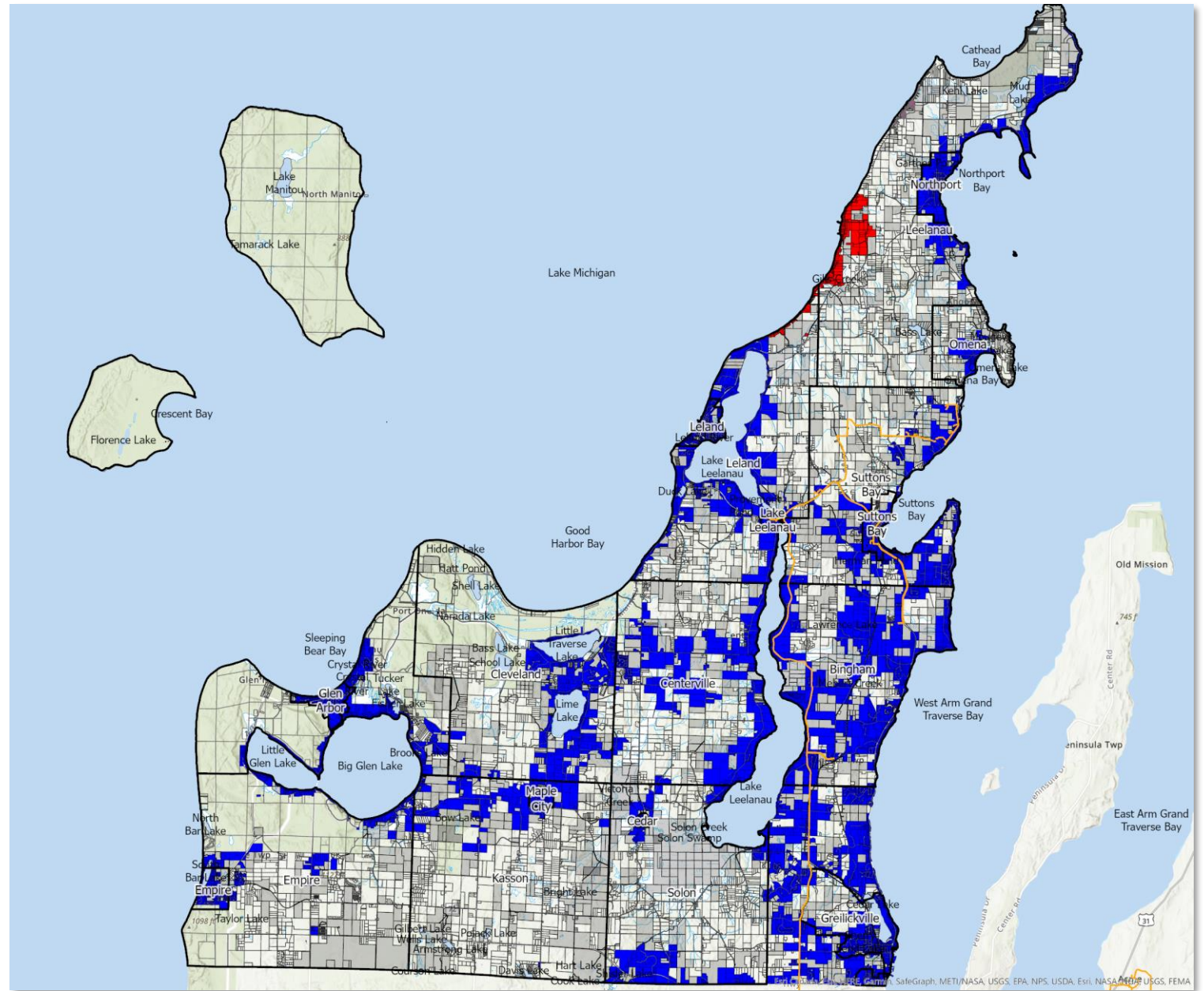


2021 – FCC awards RDOF funding for some unserved areas in Leelanau County

Actual Service Areas

Cabled service areas

- Charter Communications
- Cherry Capital Communications
- 186 Networks

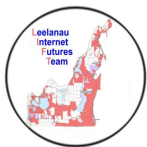
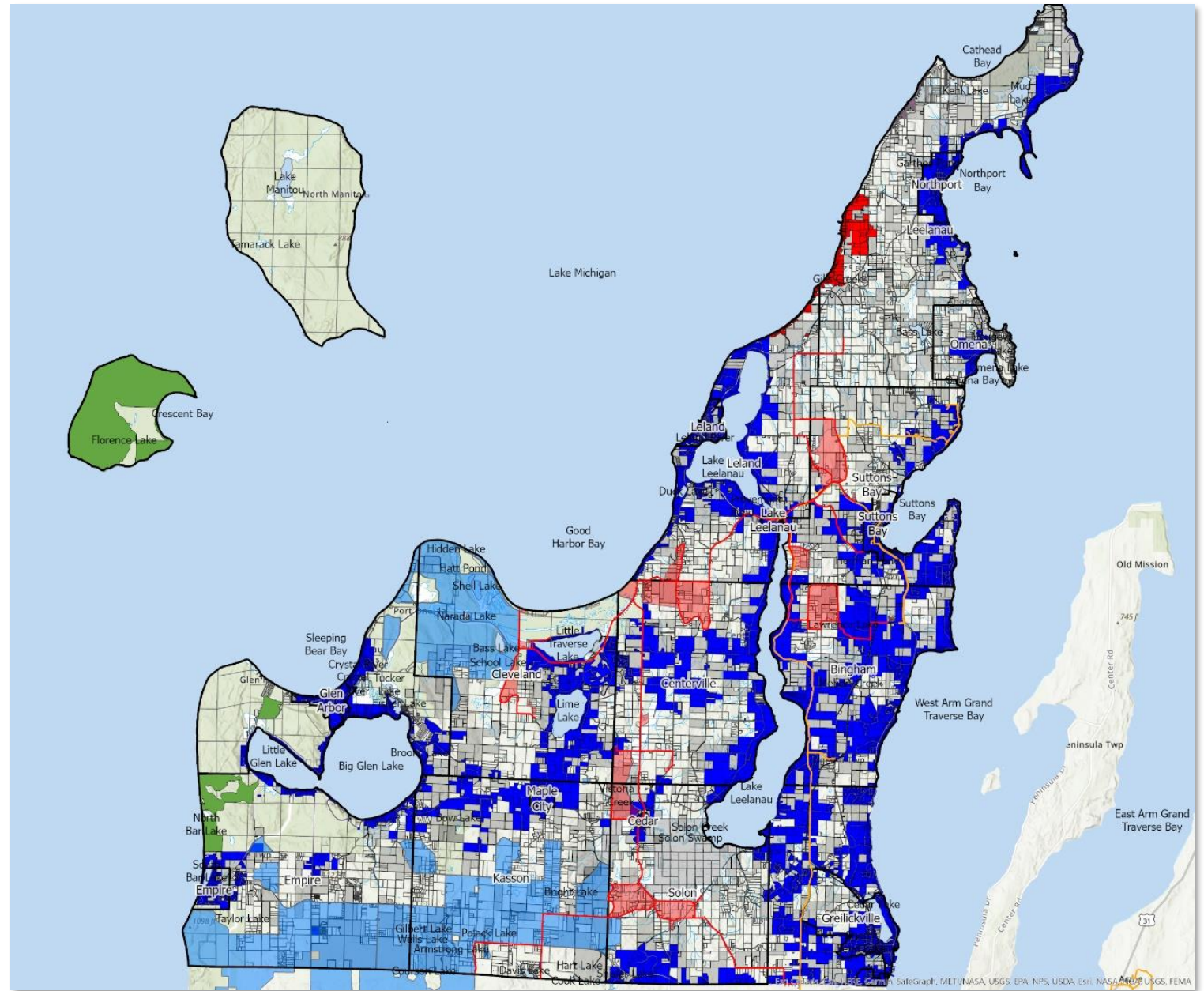


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FCC Awarded Areas

Rural Digital Opportunity Fund (RDOF)

- Charter Communications
- Cherry Capital Communications
- Starlink



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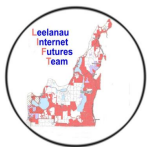
Timeline

September 2021 – DCS Study Presented to the BoC

November 2021 – LIFT begins high level planning based on the study

2021, 2022 – BoC and LIFT review proposals from different ISPs

June 2022 – BoC approves agreement with Point Broadband to reach all unserved homes in 7 townships, project kickoff meeting is hosted at the County Building



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2023 Initial Report on
Engineering Status and
Construction Build Forecast

January 17, 2023

Engineering Project Status

- **Walkout & Survey Status**

Walkout / Survey completed on 12-05-2022

Total 462 miles - 243 miles of proposed aerial and 219 miles of proposed underground build.

~ 8035 homes passed.

- **Pole Field Engineering Status**

Pole Engineering (Pole data gathered in Katapult) completed on 12-05-2022

5395 total Cherryland poles.

- **Pole Application Permit Submittal Status**

Pole Apps submissions currently in progress.

3266 total pole count submitted through the Cherryland Application process.

350 total pole count received back from Cherryland Approval process.

- **Underground Excavation Permit Application Submittal Status**

Right of Way underground excavation permit applications submitted to date: 19 miles.

- **Fiber Layout and Design Activity**

14 -16 total FTN Cabinets planned. (Work in Progress)

3 Cabinets - Fiber Design complete, 1 Cabinet - Fiber Design in progress.

Planned: 100G Core Fiber Ring + (3) 25G Access Fiber Rings to provide protected cabinet fiber diversity.



Construction Build Forecast

- **Q1 2023**

Construction to start on Cabinet 9 and southern tie in point at Silver Lake Rd. and Barnes Rd. when weather permits

- **Q2 2023**

Cabinets 9, 4 8,7 and 5

- **Q3 2023**

Cabinets 6, 10, 13, 15, 14 and 16

- **Q4 2023**

Cabinets 12, 11, 2, 1 and 3

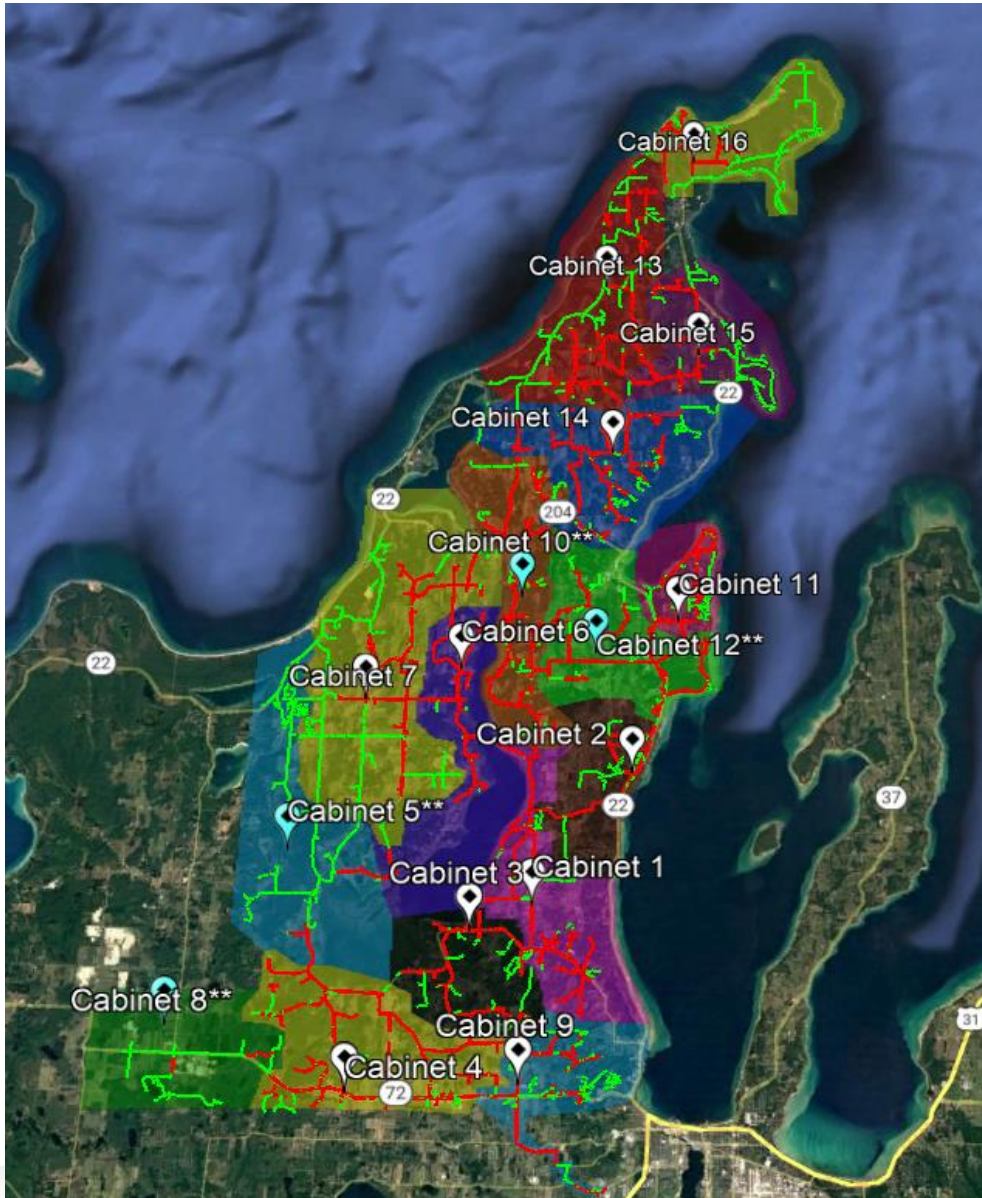


Operations Activity

- **Local Leelanau Operations Management Search**
 - Candidate identified and expected to start in 03/23
- **Posting for Technician positions late Q1/23**
- **Installation Contractor(s)**
 - Ongoing conversation and staffing ramp plans
- **Commercial retail/operations space search**



Cabinet Boundaries and Fiber Routes



Proposed 16 Cabinet locations

- White Cabinet Locations = Approved by County (11)
- Blue Cabinet Locations** = To be Approved by County (5)

Fiber Routes

- Red Routes = Aerial / Stranded Fiber
- Green Routes = Underground / Duct Fiber



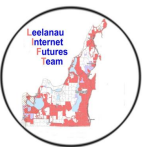
How Can I Find Out about Progress Being Made?

- Community Outreach Emails from the LPEF's LIFT Committee
- Press Releases to the Media
- Facebook Pages

[Let's Talk Rural Broadband - Leelanau County | Facebook](#)

[Leelanau Internet Futures Team - Posts | Facebook](#)

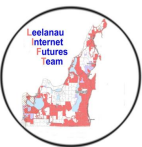
- Communications from the Internet Server Providers
- New County Website Coming Soon



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How Can I Place My Email Address on the Update Distribution List?

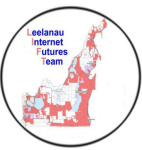
broadbandproject@leelanau.gov



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How Can I Find Out if New High-Speed Service Will Be in My Area?

<https://arcg.is/Dqzmm>



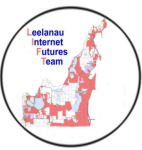
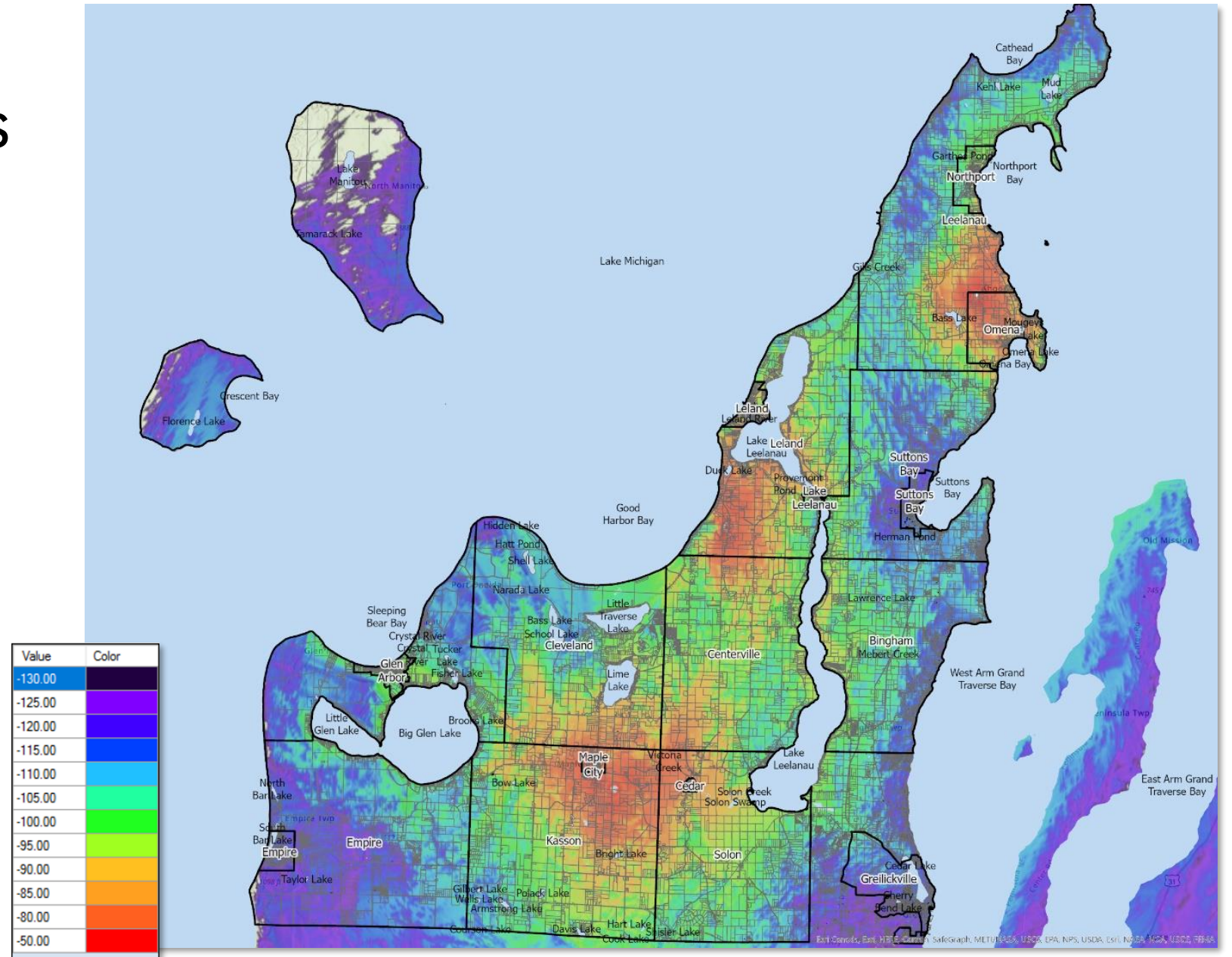
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Agri-Valley Communications

Central Site is live

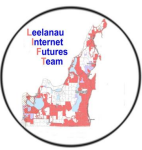
Service (888) 282-4932

<https://www.agrivalleyservices.com/>



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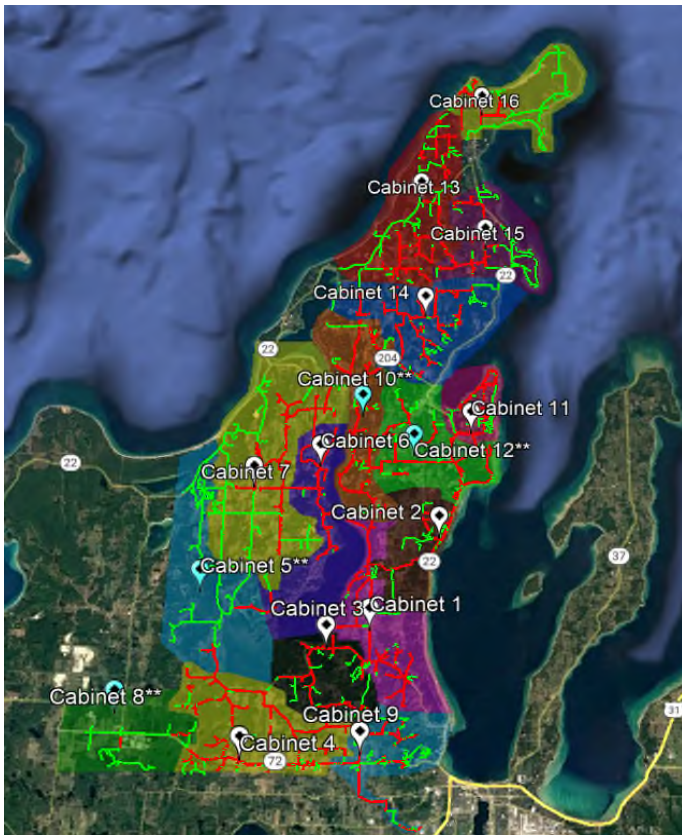
Thank You, Questions?



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