

ARTICLE 41. Citizen Committee to Study Fiber Optic Completion

To determine whether the Town will vote to urge the Town Manager to increase the availability of municipal fiber optic telecommunications service.

ARTICLE 41: Fiber Completion Study

... the Town Manager shall appoint a Fiber Broadband Completion Committee with the following charge

Study and recommend appropriate solutions,

including possible funding, for,

- a) expediting ...**service on the remaining 5%** of Town property [streets] that lacks such service;
- b) **exploring barriers** to Concord Light Broadband subscription growth; and
- c) **investigating opportunities for expanding** fiber-to-the-home and to fiber-to-the-business.

ARTICLE 41: Fiber
Completion Study

The Committee Shall...

- “write a Report with findings and recommendations to the Town Manager” in time for 2022 ATM
- have “... no fewer than 5 and no more than 7 members, including: one member of the Concord Municipal Light Board, chosen by the Light Board; ... [representatives of] business consumers of fiber-based utility services [and] the real estate community; [two or more] at-large members”
- “seek creative, forward-thinking solutions that acknowledge the existing roles and responsibilities of the Town Manager and staff of the Concord Municipal Light Plant in providing broadband services via the Town’s fiber optic network”

Current State of Fiber

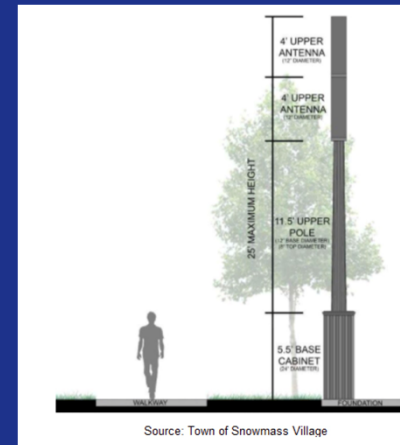
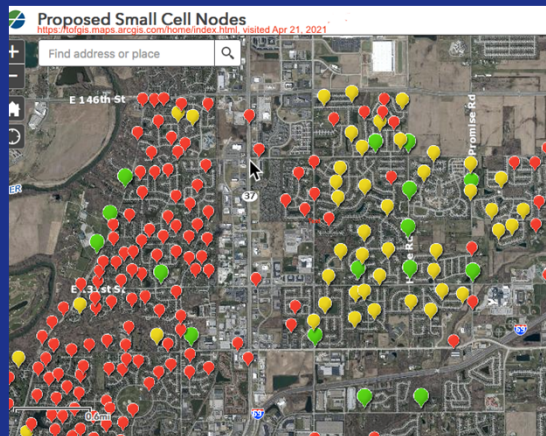
- Fiber is laid in 95% of Town streets
- Residents and Businesses may subscribe (pay installation fee, and a monthly service charge)
- ~1400 subscribers, ~200 waiting
- Installations were paused during COVID pandemic

What is Fiber

- Glass-based cable for transmitting fast, secure internet data
- Possibilities for a more efficient and responsive power grid
- Faster, safer, more secure than wireless
- Limitless future applications

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What Fiber is NOT



Images: Miami 5G installation, small cells in Indianapolis, and antenna design for Snowmass, CO

Why a Study Committee?

- Respectfully, Town has focused on pandemic response
- More Concord Light Broadband subscribers → Potential for very large revenue stream
- Federal government broadband infrastructure funds
- Citizens can build partnerships, find creative alternatives

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