

ARTICLE 39: Citizen Support for a New Cell Tower Located at the Public Works Parcel at Keyes Rd

ARTICLE 39. Citizen Petition: Citizen Support for a New Cell Tower Located at the Public Works Parcel at Keyes Rd

Ms. Boyajian moves:

that the town take affirmative action on Article #39 as printed in the warrant, with the change that issuance of an RFP is urged to take place within six months, instead of three months, of adoption of this resolution.

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RFP Requirement in the State of MA

- A Request for Proposals (RFP) must be publicly issued in order for town-owned land to be leased for private use.
- An affirmative vote on Article 39 will support the Town in moving forward with this necessary legal step to access a portion of the DPW parcel to house a new wireless communication facility (aka cell tower).



ARTICLE 39: Citizen Support for a New Cell Tower Located at the Public Works Parcel at Keys Rd

- December 2006 wireless company applied to site a tower in DPW yard but permit denied.
- 2019 Town issued an RFP and two companies responded, but town declined both proposals.
- 2021 Verizon conducted a balloon test from Keys with positive results.

Attachment A-Photo of balloon test taken from Old North Bridge on 12/10/21 and presented at Select Board Meeting on 3/7/22:



Concord Select Board - March 7, 2022

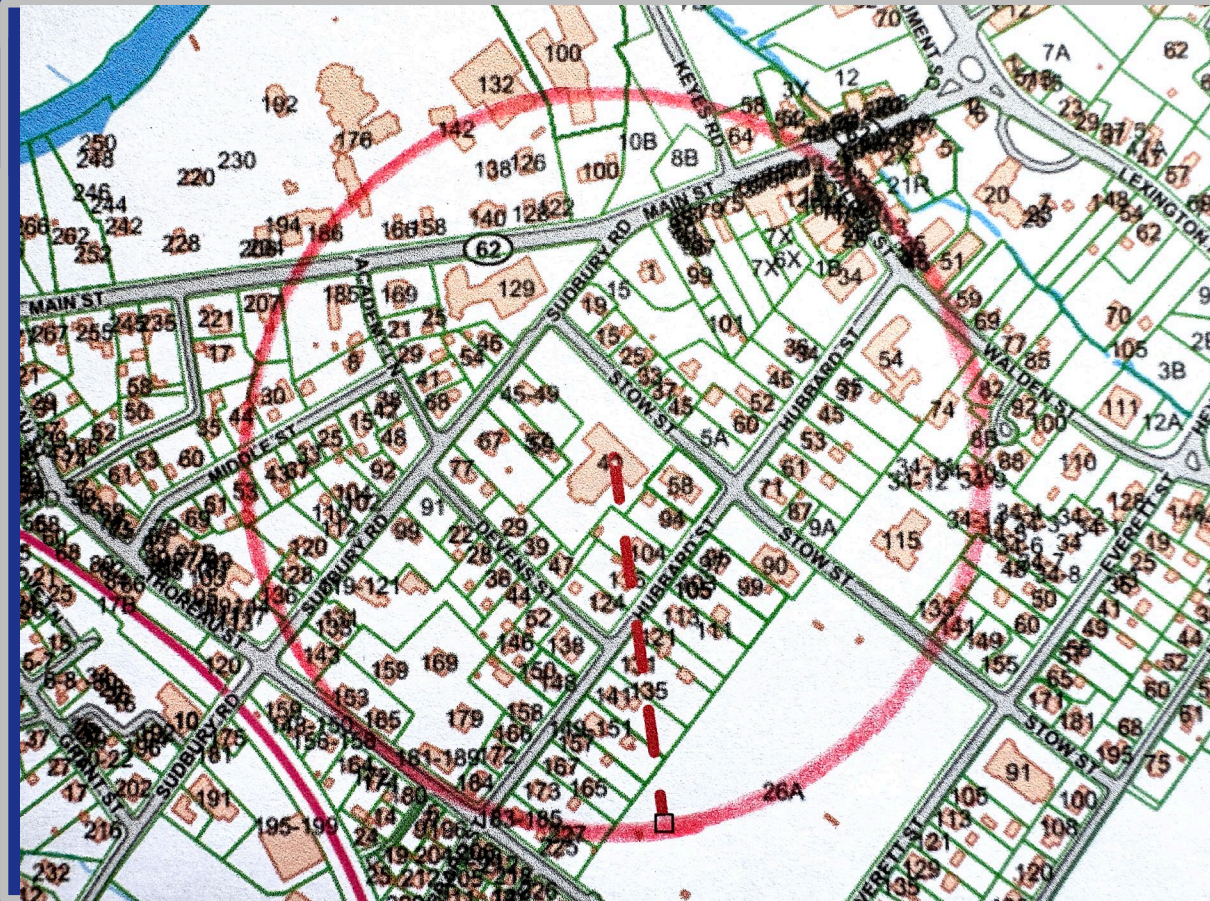
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- Photo of balloon test at Keyes taken from Old North Bridge on 12/10/21 and presented to Select Board on 3/7/22.



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- 1,000 ft radius from a potential tower site in the DPW Yard.



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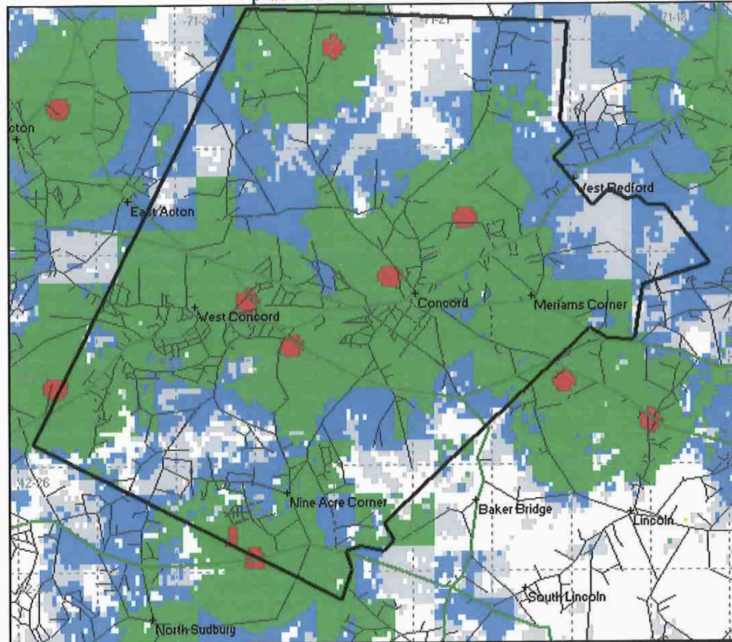
- 1,000 ft radius from previously proposed site at the Emerson Umbrella in Concord Center

Attachment B from RF study commissioned by Town in 2003:

Broadcast Signal Lab

Concord Wireless Siting Options

= **POTENTIAL COVERAGE** =
based on T-Mobile's layout as calculated by BSL,
plus additional site locations



Legend:

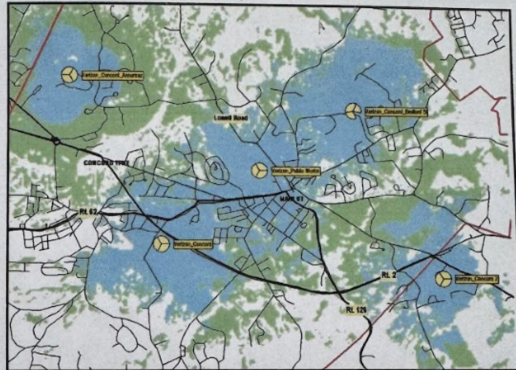
Red	Location of site
Green	Robust Coverage
Blue	Reliable Coverage
Grey	Uncertain Coverage

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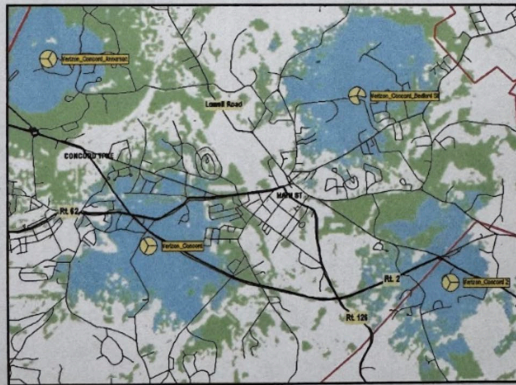
- Projected coverage map from RF analysis commissioned by the Town in 2003.

Attachment C presented January 2018 at Select Board Meeting:

Existing Verizon
Concord Coverage
with Public Works
Added



Existing Verizon
Concord Coverage



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- Projected coverage map from RF analysis presented at Select Board Meeting in January 2018.
- Blue area represents areas of great coverage

Attachment D-coverage map of Keyes Rd tower submitted to the town by Verizon:



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- Projected coverage map submitted by Verizon in 2021 .

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An affirmative vote on Article 39 will demonstrate strong community support for a new tower in the DPW yard and will help our town move forward with improving cell coverage with confidence.

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