



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

May 21, 2021

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RE: **DOCKET NO. 500** - Arx Wireless Infrastructure, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at 1061-1063 Boston Post Road, Milford, Connecticut.

Dear Attorneys Motel and Chiocchio:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than June 2, 2021.

Please submit an original and 15 copies to the Council's office and an electronic copy to siting.council@ct.gov. In accordance with the State Solid Waste Management Plan and in accordance with Section 16-50j-12 of the Regulations of Connecticut State Agencies, the Council requests all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. Fewer copies of bulk material may be provided as appropriate.

Please be advised that the original and 15 copies are required to be submitted to the Council's office on or before the Jun 2, 2021 deadline.

Copies of your responses shall be provided to all parties and intervenors listed in the service list, which can be found on the Council's website under the "Pending Matters" link.

Any request for an extension of time to submit responses to interrogatories shall be submitted to the Council in writing pursuant to §16-50j-22a of the Regulations of Connecticut State Agencies.

Sincerely,

s/Melanie Bachman

Melanie Bachman
Executive Director

MB/IN/lm

c: Service List dated May 6, 2021

Docket No. 500
New Cingular Wireless PCS, LLC
Pre-Hearing Interrogatories
May 21, 2021
Set One

General

1. Estimate the total cost of New Cingular Wireless PCS, LLC's (AT&T) co-location on the proposed facility. Break down the total cost into categories that AT&T deems appropriate.
2. How would the cost of AT&T's co-location at the proposed site be recovered?
3. Provide the number of remote radio heads that would be installed at this site.
4. What is the structural design standard applicable to the proposed low profile antenna mount?
5. Pursuant to CGS §16-50p(a)(3)(G), identify the safety standards and/or codes by which equipment, machinery or technology that would be used or operated at the proposed facility by AT&T.
6. How did AT&T attain regulatory approval to collocate on the roof of the existing building at 1052 Boston Post Road?

Site Search

7. Identify the approximate center and radius of AT&T's site search area.
8. Please explain the feasibility of meeting AT&T's service objectives from each of the alternative facilities identified in the City of Milford's October 27, 2020 correspondence.

Coverage/Capacity

9. Which frequency bands would AT&T deploy at the proposed facility?
10. Would all of AT&T's frequencies be used to transmit voice and data?
11. Would the proposed site provide adequate service to the coverage area for other frequencies that AT&T would deploy?
12. Provide existing coverage plots for each frequency band to be deployed by AT&T at the site. Provide a similar set of plots for each frequency band that include existing plus proposed coverage.
13. Identify distances and directions to AT&T's adjacent sites with which the proposed facility would hand off signals.
14. Please identify which of the existing adjacent sites and what frequencies and sectors would benefit from capacity relief.
15. Would AT&T's proposed co-location be needed for coverage, capacity, or both? Explain.

16. Provide existing coverage gaps in miles for the proposed frequencies for the nearby portion of the Interstate 95, Boston Post Road and the surrounding local roads, the overall existing coverage footprints in square miles and the proposed coverage mileage and square miles as represented in the example below:

Street Name	700 MHz Coverage Gap	1900 MHz Coverage Gap	2100 MHz Coverage Gap
Route 2	2.5 miles	5 miles	4.5 miles
Route 32	1.0 mile	3 miles	2 miles
Route 87	0.5 mile	2.5 miles	1 mile
Interstate 395	2.5 miles	2.5 miles	2.5 miles
State Road Total	6.5 miles	13 miles	10 miles

Overall Coverage Footprint	49 square miles	6 square miles	7.5 square miles
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17. Would AT&T's proposed co-location at the proposed facility provide 5G services?
18. At what height would a facility meet AT&T's needs at the following sites:
- Existing building at 1052 Boston Post Road;
 - Proposed building at 1052 Boston Post Road;
 - Tower facility at 1052 Boston Post Road;
 - Tower facility at 345 North Street;
 - Tower facility at 1052 Boston Post Road; and
 - Facility at 1201 Boston Post Road Connecticut Post Mall
19. What is the lowest height at which AT&T's antennas could achieve its wireless service objectives from the proposed site? What would be the consequences in terms of hand-off, coverage and/or capacity relief if the proposed tower was ten feet shorter, i.e. AT&T's antennas were located at a centerline height that is ten feet lower than proposed?
20. Would flush-mounted antennas provide the required coverage? Would the flush-mount configuration result in reduced coverage and/or necessitate greater antenna height with multiple levels of antennas? Explain.

Backup Power

21. Would AT&T utilize a backup generator? Please provide the capacity, fuel source and estimated runtime of the generator before it would require refueling during a prolonged outage.
22. Would a battery backup (if applicable) be used by AT&T to provide uninterrupted power and prevent a reboot condition? How long could the battery backup alone supply power to the facility in the event that the generator fails to start?