



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

June 9, 2021

Kenneth C. Baldwin, Esq.
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280 Trumbull Street
Hartford, CT 06103-3597
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RE: **DOCKET NO. 502-** Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at 118 Newton Road, Woodbridge, Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than June 30, 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 June 30, 2021 deadline.

Copies of your responses are required to 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

c: Service List dated May 14, 2021

MB/RM

Docket No. 502
Pre-Hearing Interrogatories
June 9, 2021

General

1. Referencing Application Attachment 4 of the letters sent to abutting property owners, how many certified mail receipts were received? If any receipts were not returned, which owners did not receive their notice? Were any additional attempts made to contact those property owners?
2. Referring to Application p. 21, approximately how many residents and town officials attended the January 30, 2021, virtual public information meeting? What concerns were raised and how were these concerns addressed?
3. How will Cellco recover the cost of construction of the facility?
4. How would the facility be decommissioned at the end of its useful life?

Site Search

5. Referring to Application Attachment 8 - Site Search Summary, were properties investigated in 2014- 2015, re-examined prior to submission of the application to the Council?
6. In what year was the site search completed?
7. For properties that were rejected by RF engineers, what tower heights were modeled in these locations?
8. Why are more properties listed in Application Attachment 8 than in the Technical Report submitted to the Town?
9. Is Site #2, 19 Soundview Drive, a viable alternative?
10. Referring to the Technical Report Site Search Summary, why were the Town's properties at 46 Burnt Swamp Road and Meeting House Lane considered viable, but then subsequently rejected? Provide coverage plots from these locations.
11. Provide detail as to why a series of small cell deployments on existing utility poles would not be a viable solution to provide coverage to the proposed service area.

Site/tower

12. Would any blasting be required to develop the site?
13. What is the area of disturbance required to develop the site?

14. Referencing Application Attachment 1, Sheet A-1, Compound Surface, the plan indicates the compound would have three inches of crushed stone over a layer of Mirafi fabric. How was the stone depth determined? Is it based on a code requirement, drainage design, geotechnical conditions, etc.? Explain.
15. What measures are proposed for the site to ensure security and deter vandalism? (Including alarms, gates, locks, anti-climb fence design, etc.)
16. 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.

Coverage/Capacity

17. Would the proposed antennas be capable of offering 5G services or would a new antenna be required to transmit 5G once this service is deployed in this area?
18. Referring to Application pp. 8-9, for each frequency, what portion of the site coverage footprint consists of new reliable wireless service?
19. How do Cellco's wireless service frequencies interact with each other?
20. Would the proposed site be needed for coverage, capacity, or both? If the proposed facility is also needed for capacity, please respond to the following:
 - a) Are any nearby wireless facilities (or sectors) nearing capacity limits? If so, what sites, frequencies, and sectors?
 - b) Please include a projected exhaustion date for each of these sectors.
 - c) Would the deployment of the proposed facility be sufficient to address these capacity concerns, or would an additional facility be required in the near term to off-load traffic?
21. How would a reduction in tower height from the previously proposed 140 feet to 100 feet affect Cellco's coverage objectives in the area? Would an additional facility be required to provide wireless service to areas with inadequate service due to a reduced tower height? If so, in what areas?
22. What indicators did Cellco use to identify substandard service within the proposed service area? Provide supporting data if available.
23. Why do the coverage plots in Application Attachment 6 show coverage from Cellco's existing *Hamden* facility but the coverage plots within the Technical Report do not?
24. In Docket 486 (refer to Council's findings of fact #57, #58, #59), Cellco represented that the decommissioning of Cellco's *Hamden* facility may be delayed until a new facility in eastern Woodbridge is developed. Does Cellco intend to decommission the *Hamden* facility if the proposed site is approved and constructed? Does the *Hamden* facility provide adequate service to the Docket 502 proposed service area? Please explain in detail.
25. Have any other wireless carriers expressed an interest in co-locating on the proposed facility to date?

Backup power

26. What would be the respective run time for the backup generator before it would need to be refueled, assuming it is running at full load under normal conditions?
27. Would the battery backup be used 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?

Public Safety

28. Will the proposed facility support text-to-911 service? Is additional equipment required for this purpose?
29. Would the proposed facility comply with the intent of the Warning, Alert and Response Network Act of 2006?
30. Would Cellco's antennas comply with federal E911 requirements?
31. Referring to Application Attachment 17, what type of aviation safety analysis was performed. Referring to the Connecticut Airport Authority comments dated June 8, 2021, is a filing of Federal Aviation Administration Form 7460 required for this project?

Environment

32. What is the distance from the site to the Audubon designated West Rock Ridge Important Bird Area?
33. What facility equipment would emit audible noise during site operation? Would the proposed facility comply with Department of Energy and Environmental Protection (DEEP) noise control standards at the property boundaries?
34. Referring to Application Attachment 9 - Visibility Assessment, revise Table 1 to include a column that estimates how much of the tower is visible in each photograph (in feet).
35. Referring to Application Attachment 9 - Visibility Assessment p. 6, how many residences within 0.25 mile of the site may have year-round views? Please characterize the views from these residences.
36. What, if any, stealth tower design options would be feasible to employ at this site? Please provide costs related to each stealth tower design.
37. Please submit photographic site documentation with notations linked to the site plans or a detailed aerial image that identify locations of site-specific and representative site features. The submission should include photographs of the site from public road(s) or publicly accessible area(s) as well as Site-specific locations depicting site features including, but not necessarily limited to, the following locations as applicable:

For each photo, please indicate the photo viewpoint direction and stake or flag the locations of site-specific and representative site features. Site-specific and representative site features include, but are not limited to, as applicable:

1. wetlands, watercourses and vernal pools;
2. forest/forest edge areas;
3. agricultural soil areas;
4. sloping terrain;
5. proposed stormwater control features;
6. nearest residences;
7. Site access;
8. tower/compound;
9. clearing limits/property lines;
10. mitigation areas; and
11. any other noteworthy features relative to the Project.

A photolog graphic must accompany the submission, using a site plan or a detailed aerial image, depicting each numbered photograph for reference. For each photo, indicate the photo location number and viewpoint direction, and clearly identify the locations of site-specific and representative site features shown (e.g., physical staking/flagging or other means of marking the subject area).

The submission shall be delivered electronically in a legible portable document format (PDF) with a maximum file size of <20MB. If necessary, multiple files may be submitted and clearly marked in terms of sequence.