

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:

NEW CINGULAR WIRELESS PCS, LLC (AT&T)
PETITION FOR A DECLARATORY RULING,
PURSUANT TO CONNECTICUT GENERAL
STATUTES §4-176 AND §16-50K, FOR THE
INSTALLATION OF A SMALL CELL
WIRELESS TELECOMMUNICATIONS
FACILITY IN THE PUBLIC RIGHT-OF-WAY
NEAR 45 CONNAIR ROAD IN ORANGE,
CONNECTICUT.

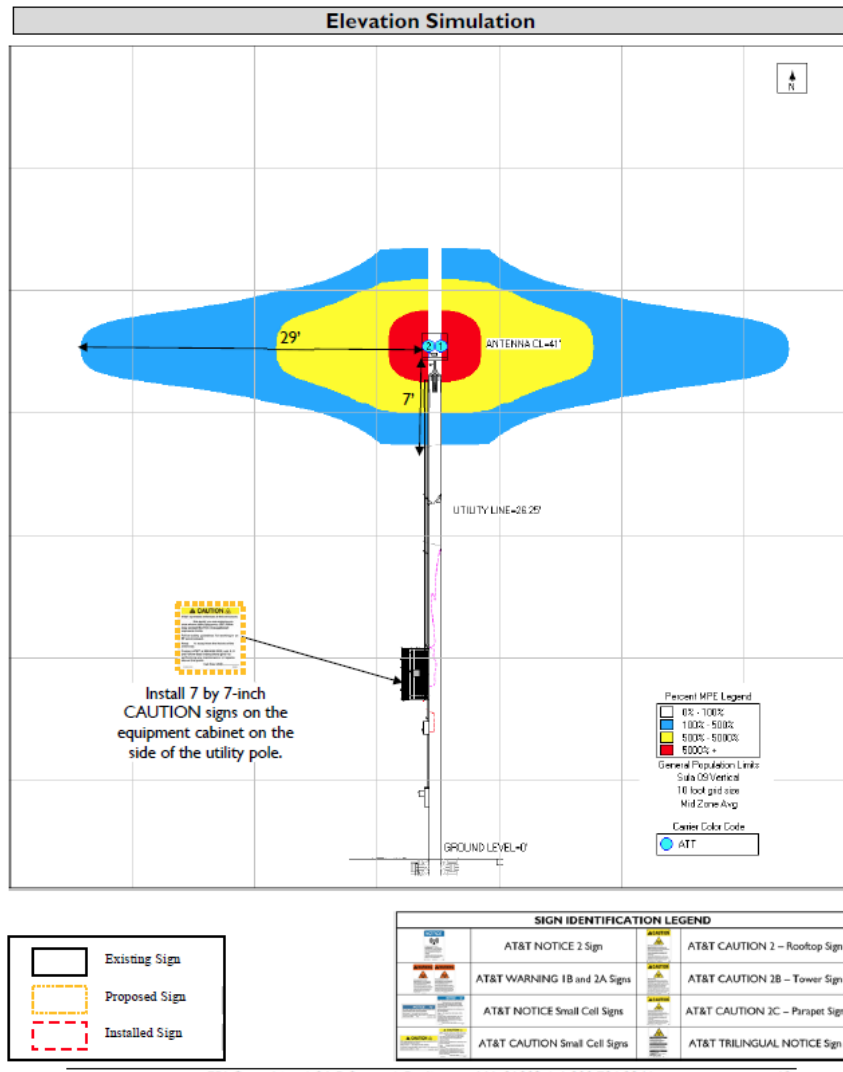
PETITION NO. 1504

May 23, 2022

**RESPONSES OF NEW CINGULAR WIRELESS PCS, LLC (AT&T)
TO CONNECTICUT SITING COUNCIL INTERROGATORIES**

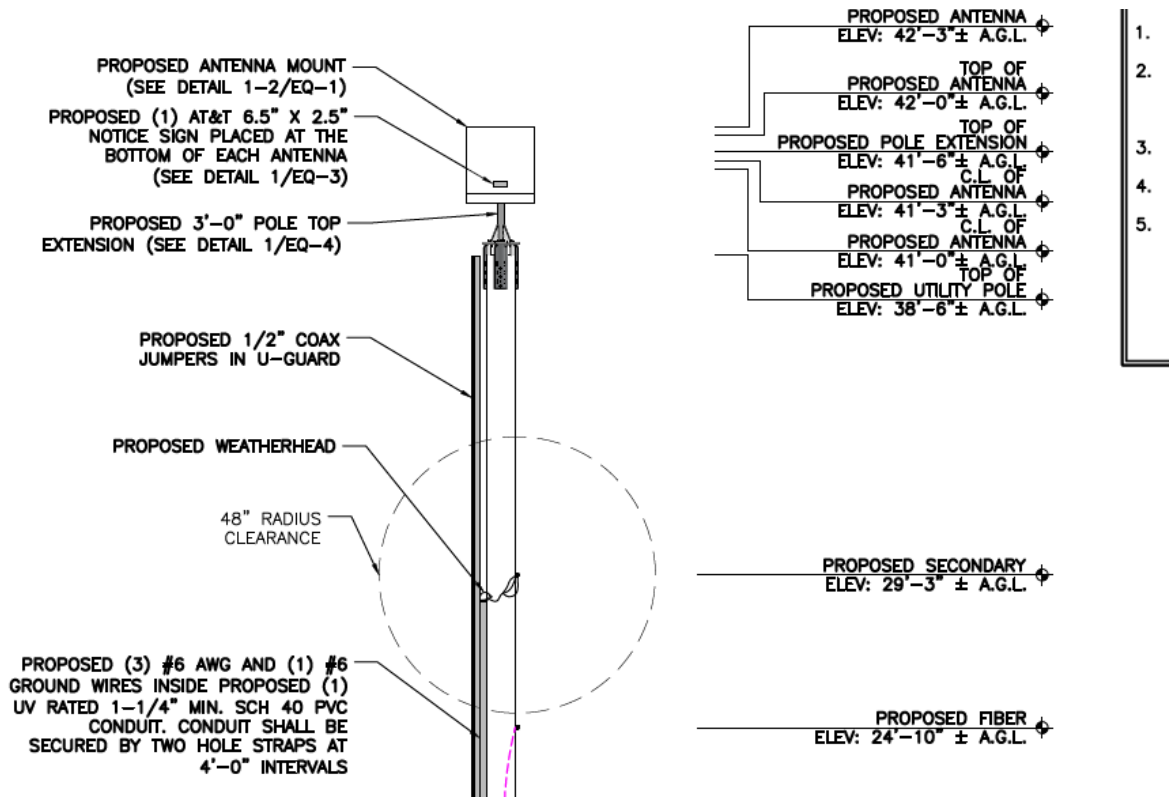
- Q1. Provide the proposed construction hours.
- A1. *The construction hours will be Monday through Friday, 8am to 5pm.*
- Q2. Provide the distance and direction to the nearest residential property line.
- A2. *The distance to the nearest residential property line is approximately 900' to the south.*
- Q3. Could the construction or operation of the proposed facility impact or interfere with any existing public utilities within the project area? If so, identify any measures that would be employed to protect the existing utilities from impact or interference.
- A3. *No, the installation will not impact or interfere with any of the existing public utilities within project area. Please note that AT&T's contractors will obtain a Dig Safe number prior to any installation to confirm the location of any underground utilities.*
- Q4. Referencing page 2 of the Petition, which frequency band(s) are associated with the proposed AWS service for this facility?
- A4. *The AWS frequency is 2100MHz.*
- Q5. Would the proposed facility be capable of providing 5G wireless service?
- A5. *AT&T delivers two methods of 5G service:*
- *AT&T 5G, using low-band spectrum (700 MHz, 850 MHz, 1900 MHz, 2100 MHz and 2300 MHz)*
 - *AT&T 5G+, which is broadband 5G delivered via millimeter wave spectrum (24 GHz to 39 GHz).*
- The proposed antennas will support 5G in the low-band spectrum. The proposed antennas do not support the millimeter wave spectrum where broadband 5G+ operates.*
- Q6. Please provide the operational frequencies, number of channels and effective radiated power (ERP) values for each proposed antenna.

- A6. *There will be three channels and the operational frequencies are 700, PCS and AWS. The combined wattage for antennas will be 1325 watts.*
- Q7. Paragraph 5 of Section 3.0 of the Radio Frequency Electromagnetic Energy Compliance Report (EME Report) prepared by EBI Consulting and dated February 1, 2022 states "At the nearest walking/working surfaces to the AT&T antennas on the utility line level, the maximum power density generated by the AT&T antennas is approximately 17.09 percent of the FCC's general public limit (3.42 percent of the FCC's occupational limit)." What is the walking/working surface on the utility line level at this site, and where is it located?
- A7. *Please reference page 12 of the EME Report, which shows a graphic depiction of these areas of exceedance and their dimensions (see example below). The limits are represented in the legend with areas exceeding the general public limit shown in blue and areas exceeding the occupational limit shown in yellow. Red represents areas exceeding 10x the occupational limit. These limits are defined in Section 1 of the EME Report.*



Q8. Please provide site plans showing the utility pole to be utilized for power and/or fiber point of connection and whether the connection is overhead or underground.

A8. *The site plans provided show that the power and fiber are coming from overhead. The pole that will be utilized for power will likely be the pole directly across the street.*



Q9. What is the distance and direction of the nearest wetland area to the proposed facility?

A9. *The nearest wetland to the proposed facility is located approximately 3664 feet or .69 mile to the northwest.*

Q10. Would the proposed facility be located within a 100-year or 500-year flood zone?

A10. *No.*

Q11. Is the proposed facility located within a Natural Diversity Database buffered area?

A11. *No.*

CERTIFICATE OF SERVICE

I hereby certify that on this day, one original and fifteen (15) hard copies of the foregoing was sent via overnight Federal Express and electronically to the Connecticut Siting Council in accordance with the Connecticut Siting Council directives.

May 23, 2022



Lucia Chiochio, Esq.
Cuddy & Feder LLP
445 Hamilton Ave, 14th Floor
White Plains, NY 10601
(914)-761-1300
Attorneys for the Applicant

cc: AT&T
Nexius
Daniel Patrick, Esq., Cuddy & Feder LLP