

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 250 CALLEGARI DRIVE IN WEST
HAVEN, CONNECTICUT.

PETITION NO. 1505

May 23, 2022

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

Q1. Provide the estimated cost of the proposed facility.

A1. *The estimated cost is \$50,000.*

Q2. Provide the estimated duration of construction.

A2. *The anticipated duration of construction is approximately 90 days.*

Q3. Briefly describe the surrounding land use.

A3. *The proposed pole is located along the southern edge of the Metro-North Railroad at the end of the cul-de-sac. All adjacent properties and properties directly across the Metro-North Railroad include industrial, warehouse style land uses. The nearest residential uses are located approximately 450' to the southeast of the proposed pole and are separated by the existing industrial buildings and natural, vegetated buffers.*

Q4. Provide the distance to the nearest residential property line and the nearest residential structure.

A4. *The nearest residential uses are located approximately 450' to the southeast of the proposed pole and are separated by the existing industrial buildings and natural, vegetated buffers.*

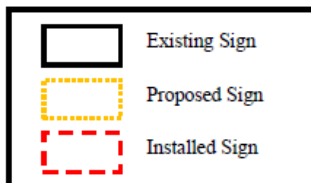
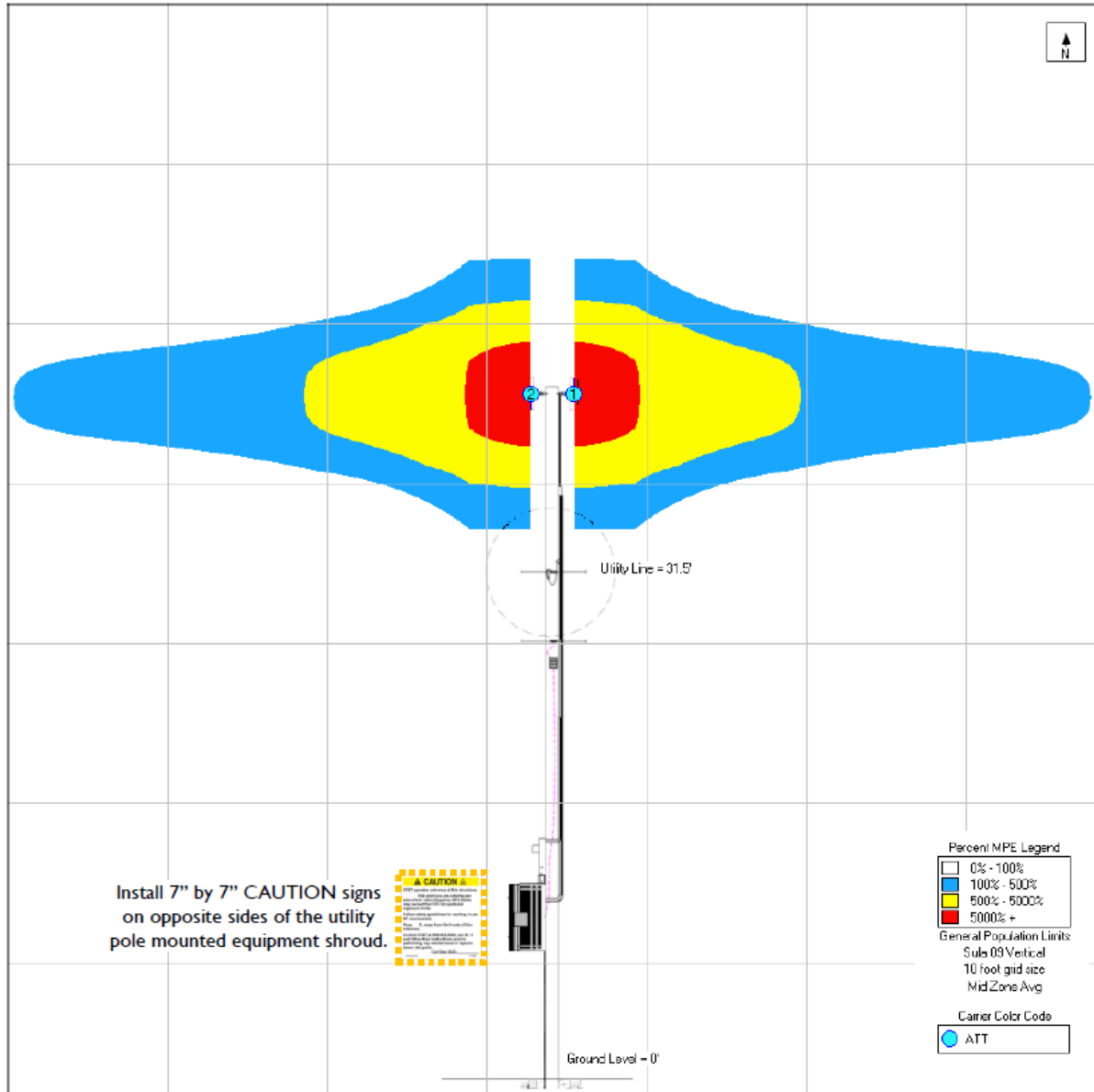
Q5. Could the construction or operation of the proposed facility impact or interfere with any of the existing public utilities within the Connecticut Department of Transportation Right of Way (CDOT ROW) and project area? If so, identify any measures that would be employed to protect the existing utilities from impact or interference?

A5. *No, the installation will not impact or interfere with any of the existing public utilities within the CT DOT right of way and project area. To avoid any underground utilities, AT&T's contractor will obtain a Dig Safe number prior to any installation to confirm the location of any underground utilities.*

Q6. Paragraph 5 of Section 3.0 of the Radio Frequency Electromagnetic Energy Compliance Report (EME Report) prepared by EBI Consulting and dated February 4, 2022 states that “Modeling indicates that the worst-case emitted power density may exceed the FCC’s general public limit within approximately 32 feet of the antenna face and the occupational limit within approximately 14 feet of the antenna face. Modeling also indicates that the worst-case emitted power density may exceed the FCC’s general population limit within approximately 9 feet below the bottom of the AT&T antenna.” Please clarify.

A6. *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.*

Nearest Walking Surface Simulation



SIGN IDENTIFICATION LEGEND			
	AT&T NOTICE 2 Sign		AT&T CAUTION 2 – Rooftop Sign
	AT&T WARNING 1B and 2A Signs		AT&T CAUTION 2B – Tower Sign
	AT&T NOTICE Small Cell Signs		AT&T CAUTION 2C – Parapet Sign
	AT&T CAUTION Small Cell Signs		AT&T TRILINGUAL NOTICE Sign

Q7. Paragraph 6 of Section 3 of the EME Report indicates "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 15.83 percent of the FCC's general public limit (3.17 percent of the FCC's occupational limit)." What is the walking/working surface on the utility line level at this site?

A7. The MPE levels are reported at the level of the power line to account for areas accessed by workers on the utility pole. This is considered a working surface for utility line workers.

Q8. Would the project require any tree trimming?

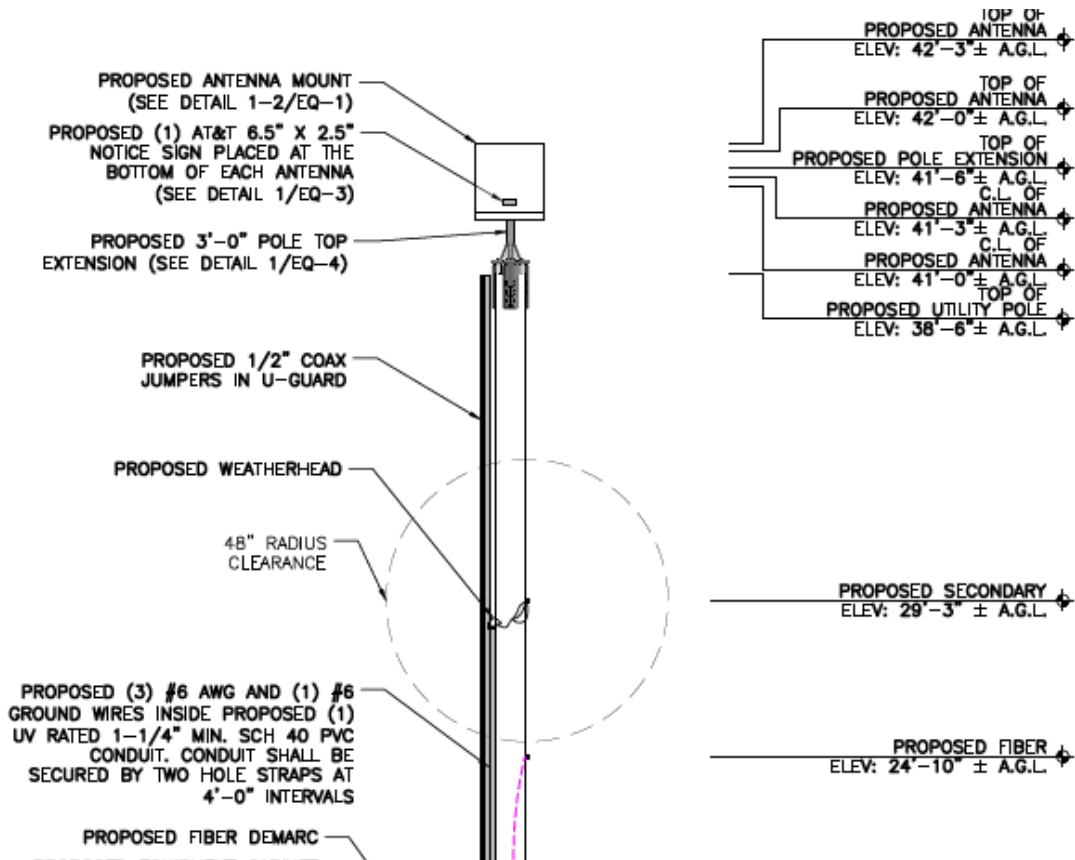
A8. No.

Q9. Referencing note no. 3 on sheet C-1, what is the required clearance of the proposed antennas from existing utility wires or infrastructure? What is the distance of the existing overhead utility lines from the proposed antenna?

A9. The proposed clearance is shown on page C-1. There is a 48" radius that must remain clear. The current distance of the overhead lines from the antenna is currently shown to be about 8'.

Q10. 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.

A10. The site plans provided show that the power and fiber are coming from overhead. The existing utility pole adjacent to the proposed facility will likely be the source for power.



Q11. Please provide the operational frequencies, number of channels and effective radiated power (ERP) values for each proposed antenna.

A11. *There will be three channels and the operational frequencies are 700, PCS and AWS. The combined wattage for antennas will be 1325 watts.*

Q12. What is the distance and direction of the nearest wetland area to the proposed facility?

A12. *The nearest wetland to the proposed facility is located approximately 3,817 ft (.73 miles) away.*

Q13. Would the proposed facility be located within a 100-year or 500-year flood zone?

A13. *No.*

Q14. Is the proposed facility located within a Natural Diversity Database buffered area?

A14. *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 with an electronic copy in accordance with the Connecticut Siting Council directives.

May 23, 2022



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