STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:
NEW CINGULAR WIRELESS PCS, LLC (AT&T) PETITION NO. 1539
PETITION FOR A DECLARATORY RULING,
PURSUANT TO CONNECTICUT GENERAL
STATUTES §4-176 AND §16-50K, FOR THE
INSTALLATION OF THREE SMALL CELL November 10, 2022
WIRELESS TELECOMMUNICATIONS FACILITIES
ON PROPERTY LOCATED AT THE DURHAM
FAIR GROUNDS LOCATED AT 24 TOWNHOUSE
ROAD IN DURHAM, CONNECTICUT.

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

Q1. Provide the estimated cost of the project.

A1. The estimated cost is $75,000, or $25,000 per pole location.

Q2. Provide the distances and directions from each of the three proposed small wireless facilities to its nearest property line.

A2. The distances and directions from each of the three small cell facility to the nearest property line are as follows:

- *Facility 1 (AT&T Site ID: CRAN_RTCB_A1CT_205): approximately 425' east*
- *Facility 2 (AT&T Site ID: CRAN_RTCB_A1CT_204): approximately 595' northeast*
- *Facility 3 (AT&T Site ID: CRAN_RTCB_A1CT_109): approximately 325' northeast*

Q3. Could the construction or operation of the proposed small wireless facilities impact or interfere with any existing utilities or infrastructure within the project area? If so, identify any measures that would be employed to protect existing utilities or infrastructure from impact or interference.

A3. No, the installation will not impact or interfere with any of the existing public utilities within the project area. The pole locations were chosen with the property owner so as not to interfere with the Durham Fair operations and other utilities in operation on the grounds.

Q4. What is the date of the authorization in Petition Attachment 1?

A4. June 26, 2022.

Q5. Could the site support FirstNet Services? Are there any subscribers to FirstNet in the Area?

A5. The planned antennas do not allow for the specific FirstNet Frequency band. However, FirstNet customers have priority service on all AT&T sites and frequency bands during times of need.

Q6. Would the proposed small wireless facilities be capable of providing 5G wireless service? At what frequencies?

A6. 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 (24GHz to 39 GHz).*

The proposed antennas will support 5G in the low-band spectrum. At this time, the proposed antennas do not support the millimeter wave spectrum where broadband 5G+ operates.

Q7. Referring to Petition p. 2, would AT&T install emergency backup generator plugs for any or all of the proposed small wireless facilities?

A7. No, given the primary network objectives for these small cell facilities, AT&T does not anticipate the need for emergency backup generators.

Q8. Referring to Petition p. 2, are the small wireless facilities proposed for coverage needs, capacity needs or both? Provide more information as to AT&T network objectives in this area.

A8. The primary network objective of these small cells facilities are to address capacity needs during fair ground events.

Q9. Would installation of the three proposed small wireless facilities supplant the need for AT&T to install a temporary telecommunications facility during the Durham Agricultural Fairs?

A9. The objective of these small cells is to eliminate the need for temporary facilities during events.

Q10. Referring to Petition p. 3, the necessary fiber and power connections would be overhead to existing utility poles on site. Provide the distances and directions from the three proposed small wireless facilities to their respective existing poles for electrical/telecom interconnection purposes. Provide drawings(s) to depict the electrical/telecom interconnection routes.

A10. Please see the preliminary interconnection design route for the fiber and power connections throughout the site included as Attachment 1. Also included are aerial photographs showing the approximate distances and directions from the proposed poles to each of their respective existing pole from which the fiber and power connections will be routed. The approximate distances are as follows:

- *Facility 1 (AT&T Site ID: CRAN_RTCB_A1CT_205): approximately 58' northeast*
- *Facility 2 (AT&T Site ID: CRAN_RTCB_A1CT_204): approximately 7' southeast*
- *Facility 3 (AT&T Site ID: CRAN_RTCB_A1CT_109): approximately 63' southeast*

Q11. The Petition depicts Facility 2 and Facility 3 with 6-foot tall H-frames with RRUs adjacent to them. What security measures would be in place to ensure the equipment is not tampered with?

A11. There are no enclosures currently proposed around the H-frames at Facility 2 and Facility 3. AT&T is willing to incorporate a 6' chain-link fence enclosure around the H-frames at Facility 2 and Facility 3 if the Council wishes to see added security.

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.

November 10, 2022

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ATTACHMENT 1

DURHAM FAIRGROUNDS PRIVATE PROPERTY POLES

A	11.7.22		SAC	SAC

NOTES:

DURHAM FAIRGORUNDS
PRIVATE PROPERTY POLES

OSP ENGINEER
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811
Call before you dig.

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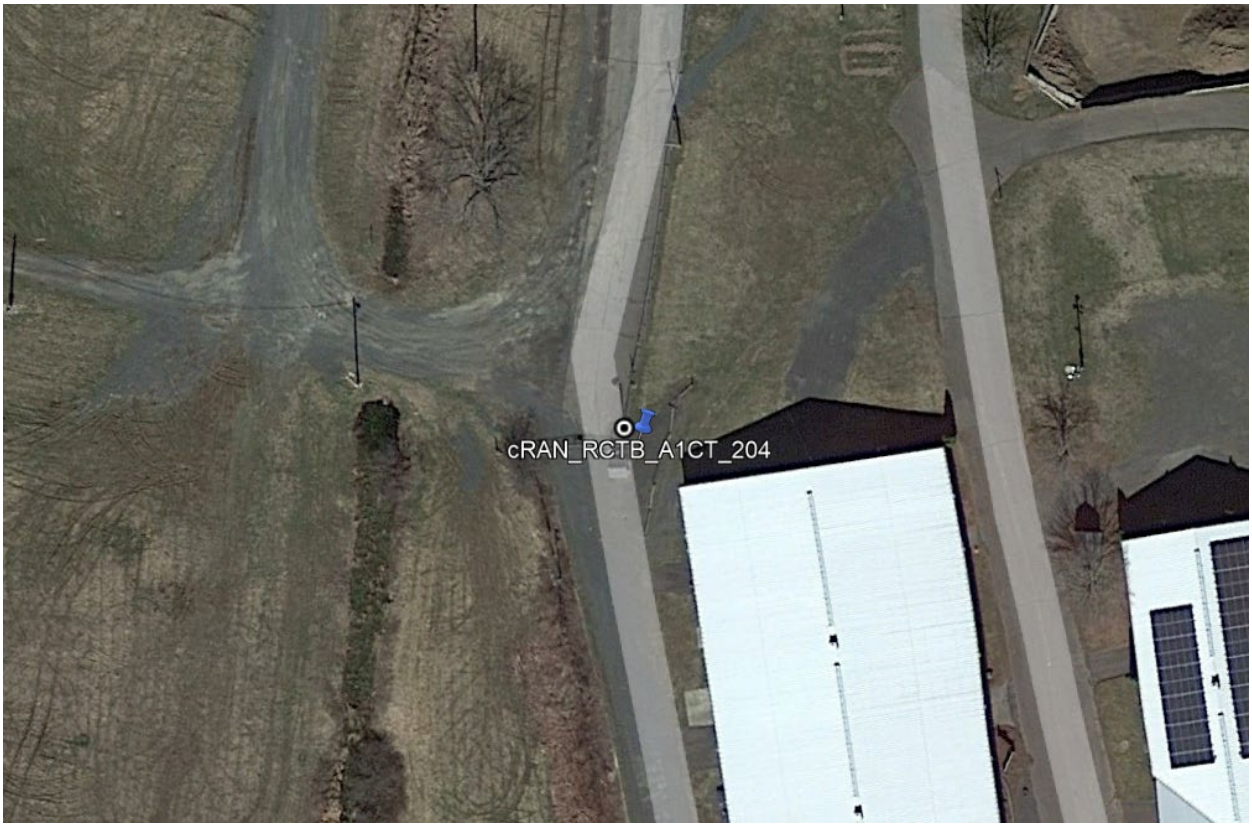

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