

Q3. What is the purpose of your testimony?

A3. *To offer radio-frequency information to substantiate AT&T's need for a wireless facility on the proposed tower at 200 East Main Street in the Town of Stratford.*

Q4. Can you please detail AT&T's technical need to locate their antennas on this tower?

A4. *AT&T's network currently has a proven, significant coverage deficiency in Stratford along Interstate Route 95 and other roads, as well as the surrounding residences and businesses in this area. The deficiency in coverage is evidenced by the inability to adequately and reliably transmit/receive quality calls and/or utilize data services offered by AT&T's network. Specifically, AT&T has deficient coverage along Barnum Avenue Cutoff; E Main Street; Ferry Blvd; Huntington Road; Milford Point Road; Naugatuck Avenue; State Hwy 110; and State Hwy 113 (Application, Attachment 4 (AT&T's RF Report)). In addition, the site will provide capacity relief to three sectors on adjacent sites: CT2111 Gamma (438 Bridgeport Avenue); CT5028 Alpha (2725 Main Street); and CT2043 Beta (670 Chapel Street). (AT&T Responses to Council Interrogatories).*

Q5. What is the minimum height needed for AT&T's antennas?

A5. *132 feet AGL (Application, Attachment 4 (AT&T's RF Report)). Incremental coverage in the area would be reduced if the facility were to be ten (10) feet lower (AT&T Responses to Council Interrogatories).*

Q6. Will the addition of AT&T's antennas to this tower increase public safety?

A6. *Yes. In addition to improving coverage for motorists, residences and businesses in the area, AT&T will deploy FirstNet services from this facility. FirstNet is a federal agency*

with a mandate to create a nationwide, interoperable public safety broadband network for first responders (Application, Attachment 4 (AT&T's RF Report)). In fact, as stated by AT&T in the Responses to Council Interrogatories, the City of Bridgeport is a FirstNet subscriber (with approximately 1,180 users including Police, Fire, DPW and the City) as well as the Town of Stratford (with approximately 160 users including EMS and Police) (AT&T Responses to Council Interrogatories).

Furthermore, AT&T will not require any additional equipment to support text-to-911 service and will comply with all federal E911 requirements (AT&T Responses to Council Interrogatories).

To the best of my knowledge, the above testimony is true and complete.

/s/ Martin J. Lavin

CERTIFICATE OF SERVICE

I hereby certify that on September 29, 2022, an electronic copy of the foregoing was sent to the Connecticut Siting Council and the service list as of August 18, 2022:

<p><i>Applicant: Barrett Outdoor Communications, Inc.</i></p> <p>Updike, Kelly & Spellacy, P.C. Jesse A. Langer, Esq. One Century Tower 265 Church Street, 10th Floor New Haven, CT 06510 Phone: (203) 786-8310 jlanger@uks.com</p>	<p><i>Intervenor: Dish Wireless, LLC</i></p> <p>Cuddy & Feder LLP Daniel Patrick, Esq. Christopher B. Fisher, Esq. 445 Hamilton Avenue, 14th Floor White Plains, NY 10601 Phone: (914) 761-1300 dpatrick@cuddyfeder.com cfisher@cuddyfeder.com</p>
<p><i>Intervenor: Cellco Partnership d/b/a Verizon Wireless</i></p> <p>Robinson & Cole LLP Kenneth C. Baldwin, Esq. 280 Trumbull Street Hartford, CT 06103-3597 Phone: (860) 275-8200 kbaldwin@rc.com</p>	

/s/ Thomas Regan
Thomas J. Regan, Esq.



Resume of

Martin J. Lavin

603-644-2820

SUMMARY: Over thirty years of experience in the RF and wireless communications industry.

EXPERIENCE:

C Squared Systems, LLC

2008-Present

Senior RF Engineer

- Zoning Hearing Expert Testimony
- Advanced Wireless Services RF System Design
- Wireless Broadband Access Systems Engineering
- Drive Test Services
- Intermodulation Studies
- RF Exposure Studies

U.S. Cellular, Bedford, NH

2002-2008

Senior RF Engineer

- West Virginia / Maryland / Pennsylvania CDMA System Design and Optimization
- CDMA Capacity Planning and New Site Builds
- Subject Matter Expert for E-911, Public Safety Interference Issues, Collocation, and Technology Transitions

Independent Wireless One (Sprint Network Affiliate), Londonderry, NH

2000-2002

Senior RF Engineer

- CDMA System Buildout in New Hampshire and Vermont
- Organized Field Office
- RF System Design and Site Selection Point of Contact with Site Acquisition and Construction
- Capacity Planning
- System Performance

Nextel, Reston, VA

1999-2000

Senior Manager – Technology Development

- New Feature Development for the Motorola iDEN system
- Corporate RF Engineering Standards
- Evaluation of international and domestic spectrum acquisition opportunities

USI, Chantilly, VA

1999

Program Manager

- Software development projects in Europe and U.S., including budget and schedule responsibility.
- Direct client contact for requirements gathering and proposal writing.

LCC International, McLean, VA

1991-1998

Manager of Engineering

- Domestic and International Cellular & PCS System Design and Buildout
- Nationwide GSM Network Buildouts of Australia and New Zealand
- FCC PCS Pioneer's Preference
- Strategic Planning for LCC Initial Public Offering
- Responsible for RF Design and Site Selection for Los Angeles MTA
- Wrote network equipment RFP for two PCS MTAs
- Software Product Manager for CellCAD, ANET, and MetroNET
- Managed Drive Test Services, including all Timesheet and Expense Approval

Carl T. Jones Corporation / SAIC, Springfield, VA

1987-1991

EMC/EMI Engineer

- Test and Measurement consulting for FCC compliance
- Broadcast (AM-FM-TV) consulting

EDUCATION:

University of New Hampshire – Whittemore School of Business and Economics

Master of Business Administration

Rensselaer Polytechnic Institute

Bachelor of Science, Electrical Engineering