Notice of Exempt Modification
1069 Connecticut Ave., Bridgeport, CT

New Cingular Wireless PCS, LLC ("AT&T") submits this Notice of Exempt Modification to the Connecticut Siting Council ("Council") pursuant to Sections 16-50j-73 and 16-50j-72(b) of the Regulations of Connecticut State Agencies ("Regulations") in connection with AT&T's planned modification of antennas and associated equipment on an existing 126' Monopole tower located at 1069 Connecticut Ave., in the City of Bridgeport. More particularly, AT&T plans to upgrade this site by adding additional 4G LTE technology to its facilities. The proposed modifications will not increase the tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six (6) decibels, or add radio frequency sending or receiving capability which increases the total radio frequency electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to Connecticut General Statutes § 22a-162.

To better meet the growing voice and data demands of its wireless customers, AT&T is upgrading their network nationwide to enhance its current 4G technology, which will provide faster service and better overall performance. Pursuant to the LTE upgrade at this site, AT&T will add antennas, install RRHs, and install related equipment to its equipment area within the fenced compound at the base of the tower.

The 126' monopole tower located at 1069 Connecticut Ave., in the City of Bridgeport (lat. 41.183609, long. -73.158305) is owned by American Tower Corp. It is in an approx. 2700+ square foot fenced compound. AT&T currently has nine (9) antennas, three (3) per sector), behind which, mounted to the same pipe as the 3 LTE antennas currently at the site, is one (1) RRH for a total of six (3) at a centerline of 106' installed on the tower and associated transmission lines (one (1) per antenna). AT&T's base station equipment is located adjacent to the base of the tower within the fenced compound. A site plan depicting this is attached.

AT&T plans to remove all existing equipment and install a new Commscope MTC3607 platform mount. The existing equipment will be replaced on the new platform mount with the exception of the 3 existing Kathrein 800 10122 GSM antennas, which will be replaced with three (3) OPA-65R-LCUU-H6 LTE antennas, one (1) per sector, each with a centerline of 106', and associated transmission lines (one (1) per antenna). Located behind each new and each existing antenna, installed on the same pipe mount, will be 3 new RRU's per sector (1 RRU 12, 1 RRU 32, 1 RRU E2 and 1 RRU A2 (which is attached to the back of the RRU 12) in addition to the replaced RRUs 11 for a total of 12. The height of the tower will not need to be increased. AT&T also plans to install new Ericcson RBS 6601 radio equipment within an existing cabinet and a new GE Power plant inside their existing equipment room within the tower compound's fenced border, they also plan to add 2 Fiber Trunks and 4 DC Trunks along the same route as the existing Fiber and DC Trunks within the inside of the Monopole. The compound's boundaries will not need to be extended. Other than brief, construction-related noise, these modifications will not increase noise levels at the tower site boundary by six (6) decibels.

AT&T commissioned American Tower Corporation to perform a structural analysis of the tower to verify that it can support the proposed loading. The tower "Passes with Proposed modifications at (94.0% Capacity)" (see page 1 of Structural Analysis Report, November 12, 2014).

The proposed modifications will not add radio frequency sending or receiving capability which increases the total radio frequency electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to Connecticut General Statutes § 22a-162. A radio frequency emissions analysis prepared by EBI Consulting indicates that the proposed final configuration (including other carriers on the tower) will emit 58.88% of the allowable FCC established general public limit sampled at the ground level (see the 5th page of Radio Frequency Emissions Analysis Report - Evaluation of Human Exposure Potential to Non-Ionizing Emissions, November 21, 2014). Emission values for the AT&T antennas have been calculated from the sample point, which is the top of a six foot person standing at the base of the tower. Emissions

values for additional carriers were based upon values listed in Connecticut Siting Council active database (see the 3rd and 4th page of Radio Frequency Emissions Analysis Report - Evaluation of Human Exposure Potential to Non-Ionizing Emissions, October 15, 2014). The information used in the report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01and ANSI/IEEE Std C95.1 (see the 2nd & 3rd page of Radio Frequency Emissions Analysis Report - Evaluation of Human Exposure Potential to Non-Ionizing Emissions, October 15, 2014).

In conclusion, AT&T's proposed modifications do not constitute a modification subject to the Council's review because AT&T will not change the height of the tower, will not extend the boundaries of the compound, will not increase the noise levels at the site, and will not increase the total radio frequency electromagnetic radiation power density at the site to levels above applicable standards. Therefore, AT&T respectfully requests that the Council acknowledge that this Notice of Exempt Modification meets the Council's exemption criteria.