

**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

IN RE:	:	
	:	DOCKET NO. 503
ARX WIRELESS INFRASTRUCTURE, LLC	:	
APPLICATION FOR A CERTIFICATE OF	:	
ENVIRONMENTAL COMPATIBILITY AND	:	
PUBLIC NEED FOR THE	:	
CONSTRUCTION, MAINTENANCE AND	:	
OPERATION OF A	:	
TELECOMMUNICATIONS FACILITY	:	
LOCATED AT 43 OSGOOD AVENUE,	:	July 12, 2021
NEW BRITAIN, CONNECTICUT	:	

PRE-FILED TESTIMONY OF DOUGLAS ROBERTS

Q1: Please state your name and position.

A1: My name is Douglas Roberts and I am a Senior Architect in the Technology Solutions Group of AECOM, which has offices at 500 Enterprise Drive, Suite 3B, Rocky Hill, Connecticut. AECOM has been engaged by ARX Wireless Infrastructure, LLC ("ARX") to provide the architecture, engineering and other design services for the proposed telecommunications facility at 43 Osgood Avenue in New Britain, Connecticut (the "Site").

Q2: Please state your qualifications.

A2: I attended the University of Bridgeport from 1974 to 1978. I am a licensed architect in the State of Connecticut. I have worked in the field of architecture for 35 years and have been employed by AECOM for the last 1 ½ years. My expertise includes project management of architectural and engineering designs for over one thousand wireless telecommunications facilities in Connecticut, New

York, Massachusetts, Rhode Island, and New Jersey. I assisted in the development of and served on the management team for the Telecommunications Group of URS Corporation AES in Rocky Hill since its inception in 1997, where I served as Senior Project Manager. Since joining AECOM I have served as Senior Architect in the Technology Solutions Group. I am currently responsible for the development of telecommunications facilities throughout Connecticut, Massachusetts, New York, Rhode Island, and New Jersey.

Q3: What has been your role in the development of this proposal?

A3: AECOM's responsibility began once ARX identified a potential site. My first involvement with this site was on June 11, 2020, when I met the property owner of 43 Osgood Avenue to review options for the proposed development of a telecommunications facility. In July of 2020, ARX requested that AECOM design a plan for construction of a 104-foot monopole telecommunications tower and equipment compound (the "Facility") at the Site to allow New Cingular Wireless PCS, LLC ("AT&T") to locate on this Facility as approved by its RF department. AECOM was also asked to design the compound to accommodate AT&T's and future carriers' equipment. AECOM's surveyors conducted an as built survey of the property. Additionally, AECOM's telecommunications department developed design drawings and site plans for the Facility. Both the site survey and the design drawings were prepared under my direct supervision.

Q4: Please describe the site.

A4: The property on which the Facility would be located is on an approximately 2.62 acre parcel of property located at 43 Osgood Avenue in New Britain owned by Osgood Avenue Property, LLC. The Site is presently developed with a vacant commercial warehouse building that is over 30,000 square feet in size. The Site is situated on the west side of Farmington Avenue with Richmond Avenue to the north and Beach Street to the west.

Q5: Please describe the proposed Facility.

A5: The Facility would consist of a 104-foot monopole structure (not to exceed 104' with antennas) within a 50' x 50' fenced equipment compound (within a 75' x 75' leased area) surrounded by a chain-link fence, located behind an existing commercial warehouse building. The tower would accommodate the antenna arrays of AT&T and three future wireless carriers. My understanding is that the proposed Facility will bring needed coverage to this area of New Britain.

Q6: Please describe the proposed tower.

A6: The proposed 104-foot monopole telecommunications tower ("Tower") (maximum height not to exceed 104' with antennas) will be a steel pole approximately 4 feet in diameter at the base and will taper to approximately 2.5 feet in diameter at the top. The proposed monopole and antennas may be painted brown, or may be painted a blue-green to blend in with the sky background if requested by the Siting Council or the City of New Britain. The monopole will bolt to a concrete

foundation and be designed to support multiple antennas, platforms and brackets. The antennas mounted to the pole will be used by AT&T, and three future wireless carriers. The Facility would also be able to accommodate municipal emergency communications equipment at no cost to the City (should the City choose to utilize this site). The antennas affixed to the top of the monopole will consist of AT&T panel antennas, mounted in three sectors at a centerline height of 100'.

Q7: Please describe the compound area

A7: The Facility will be situated within a 50' x 50' fenced equipment compound within a 75' x 75' leased area, surrounded by a chain-link fence, located behind the existing vacant commercial warehouse building. The compound will have a 6 inch gravel base over woven Geotechnical Fabric placed over an inorganic sub base. The compound will be designed with an 8-foot-tall galvanized 2" diamond wire mesh fence, with 3 strands of barbed wire along the top, and it will contain equipment operated by AT&T and future carriers. There will also be a locked access gate to restrict unauthorized access to the compound.

Q8: Please describe access to the Site.

A8: Access to and from the Site will be from the rear of the property off of Beach Street across an existing paved parking lot. Therefore, there is no need to create new access to the property to reach the Facility.

Q9: Please describe the utilities necessary for this installation.

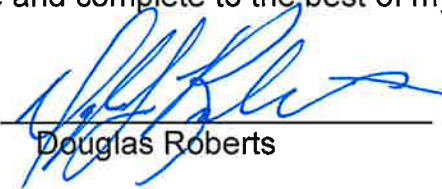
A9: A 25'-wide utility easement originating off Beach Street would provide the Site with underground utilities and vehicular access. Utility services will be run underground from existing utility poles located on Beach Street. Once inside the compound, individual electric and telephone services will be run underground to each tenant area. No water or sewer services are proposed as part of this project.

Q10: Does this conclude your testimony?


A10: Yes.

The above testimony is true and complete to the best of my knowledge.

7.12.2021
Date


Douglas Roberts

Subscribed and sworn before me this 12th day of July, 2021.


DAVID A. BALL, ESQ.
Commissioner of the Superior Court