

## Attachment 2

## ATTACHMENT 2

### Site Search Summary

AT&T first established a “site search area” in October of 2010 in western New London in the area of an identified coverage need. The site search area is a general location where the installation of a wireless facility would address the identified coverage and capacity problems while still allowing for orderly integration of the site into AT&T’s network, based on the engineering criteria hand-off, frequency reuse and interference. In any site search area, AT&T seeks to avoid the unnecessary proliferation of towers and to reduce the potential adverse environmental effects of a needed facility, while at the same time ensuring the quality of service provided by the site to users of its network.

The candidate identification process includes reviewing the applicable zoning ordinance to identify areas within which the proposed use is allowed. Viable candidates consist of existing structures of sufficient height from which an antenna installation can provide sufficient coverage. Lacking such a structure, AT&T then looks to parcels located within the defined search area on which a tower may be constructed to a sufficient height. A candidate must provide adequate coverage to the significant gap in AT&T’s network to be a viable candidate. In addition, all viable candidates must have a willing landowner with whom commercially reasonable lease terms may be negotiated. Preference is given to locations that closely comply with local zoning ordinances, or in the event no viable candidates are determined to be located within such areas, to identify other potentially suitable locations, with preference given to existing structures.

In this particular search area, the New London High School is the one (1) existing structure which could accommodate AT&T’s installation to provide reliable service to the coverage objective. T-Mobile is currently installed on the roof of New London High School. AT&T approached the City of New London and inquired as to the whether it could co-locate on the rooftop in the same manner as T-Mobile. Because of City priorities regarding the school building, now and in the future, the roof is not available for leasing from the City to any new carriers including AT&T. Subsequent discussions ensued regarding replacement of an existing light pole at the athletic fields at the City’s Bates Woods Park adjacent to the High School. This solution would allow flexibility in the future planning and management of the High School building, and provide a location for additional carriers or for the antennas of local emergency services.

Message Center Management subsequently partnered with AT&T to develop a proposal to replace the light pole with a telecommunications facility. Lease terms were negotiated by MCM and the proposal was brought before the City Council and referred to other municipal bodies under CGS Sec. 8-24. A lease between the City and MCM was subsequently executed.

## Existing Tower/Cell Site Listings

There are 14 communications facilities located within approximately four miles of the site search area for the proposed site in New London. Each location is also shown on the following map, lettered in the order appearing on the following list. Not one of the below existing facilities would provide adequate coverage to the target area. Many of the towers listed below are currently being used by AT&T to provide service outside of the area targeted for service by the proposed New London Facility.

# in Map	Jurisdiction	Address	Type	Height (feet)
A	Waterford	13 Industrial Drive	Self-Supporting Lattice	190.00
B	Waterford	45 Fargo Rd	Monopole	183.00
C	Groton	1294 Pleasant Valley Road North	Monopole	150.00
D	Groton	99 Briar Hill Road	Guyed Lattice	250.00
E	Waterford	53 Dayton Road	Self-Supporting Lattice	170.00
F	Waterford	41 Manitock Hill Rd (aka Rock Ridge Rd)	Self-Supporting Lattice	137.00
G	New London	59 Westwood Ave	Self-Supporting Lattice	75.00
H	New London	26 Washington St.	Building mounted Lattice tower	204.00
I	Groton	295 Meridian Street	Self-Supporting Lattice	99'
J	Groton	75 Roberts Rd.	Monopole	150.00
K	Waterford	51 Daniels Avenue	Self-Supporting Lattice	180'
L	Waterford	15 Miner Lane/85 Miner Lane	Monopole	160.00
M	Waterford	1 Palmer Road	Silhouette pole	87.50
N	New London	25 Lower Boulevard	City of New London	60.00

Map of Existing Sites

