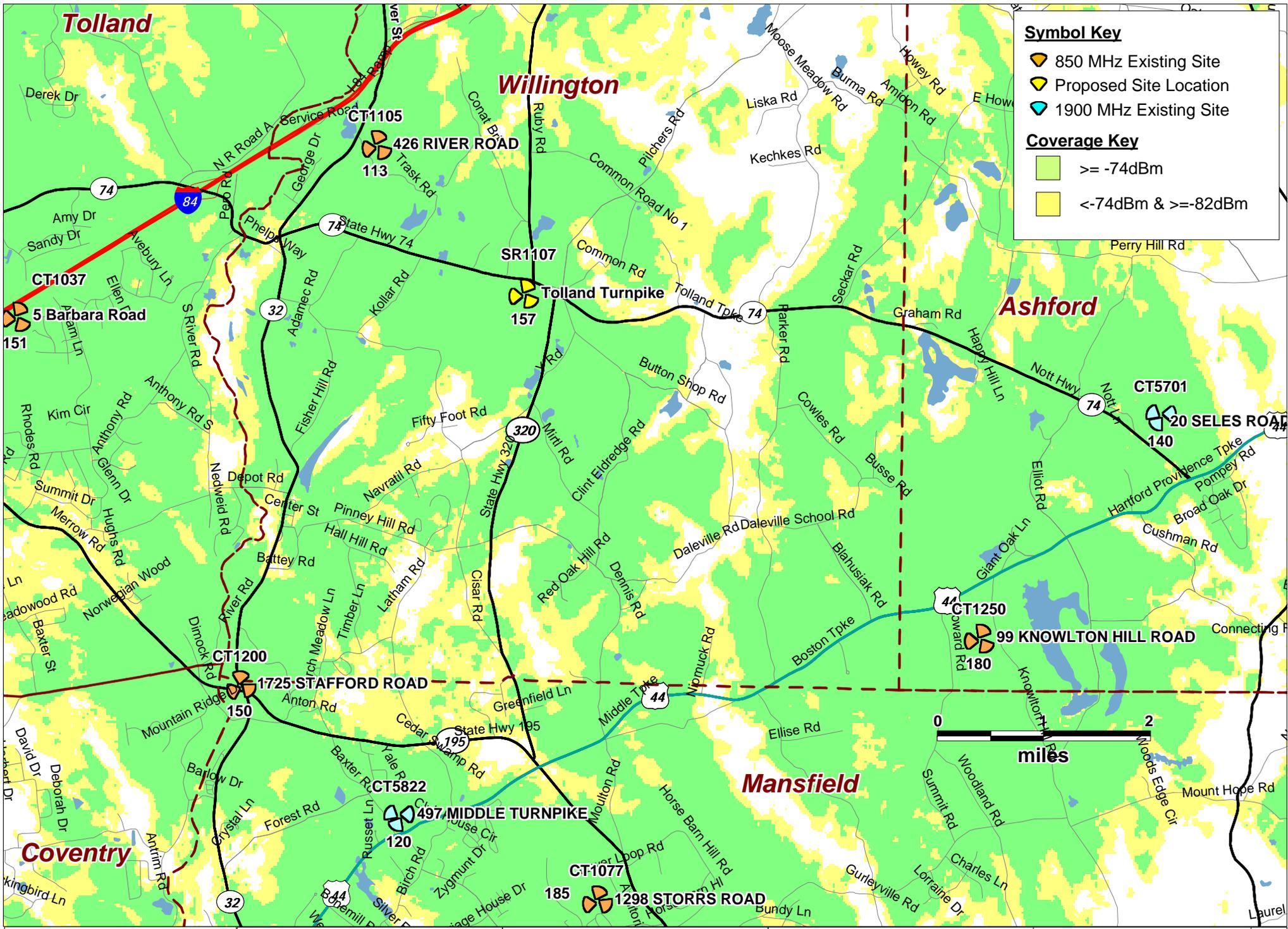


ATTACHMENT 1

Statement of Public Need

The proposed facility will provide wireless communications service along Tolland Turnpike (State Route 74), Willington Hill Road (State Route 320), Ruby Road and surrounding areas in the Town of Willington. The facility is needed by AT&T in conjunction with other existing and proposed facilities in Willington and adjoining communities. Attached are coverage plots that depict the "Current Coverage" provided by AT&T's existing facilities in this area and "Proposed Coverage" for the proposed site. Additionally, an information sheet providing details of surrounding telecommunication sites is also included. As clearly demonstrated by these materials, a facility in this area of Willington is required for AT&T to serve the public in this portion of the Town.



Symbol Key

- 850 MHz Existing Site
- Proposed Site Location
- 1900 MHz Existing Site

Coverage Key

- >= -74dBm
- <-74dBm & >=-82dBm

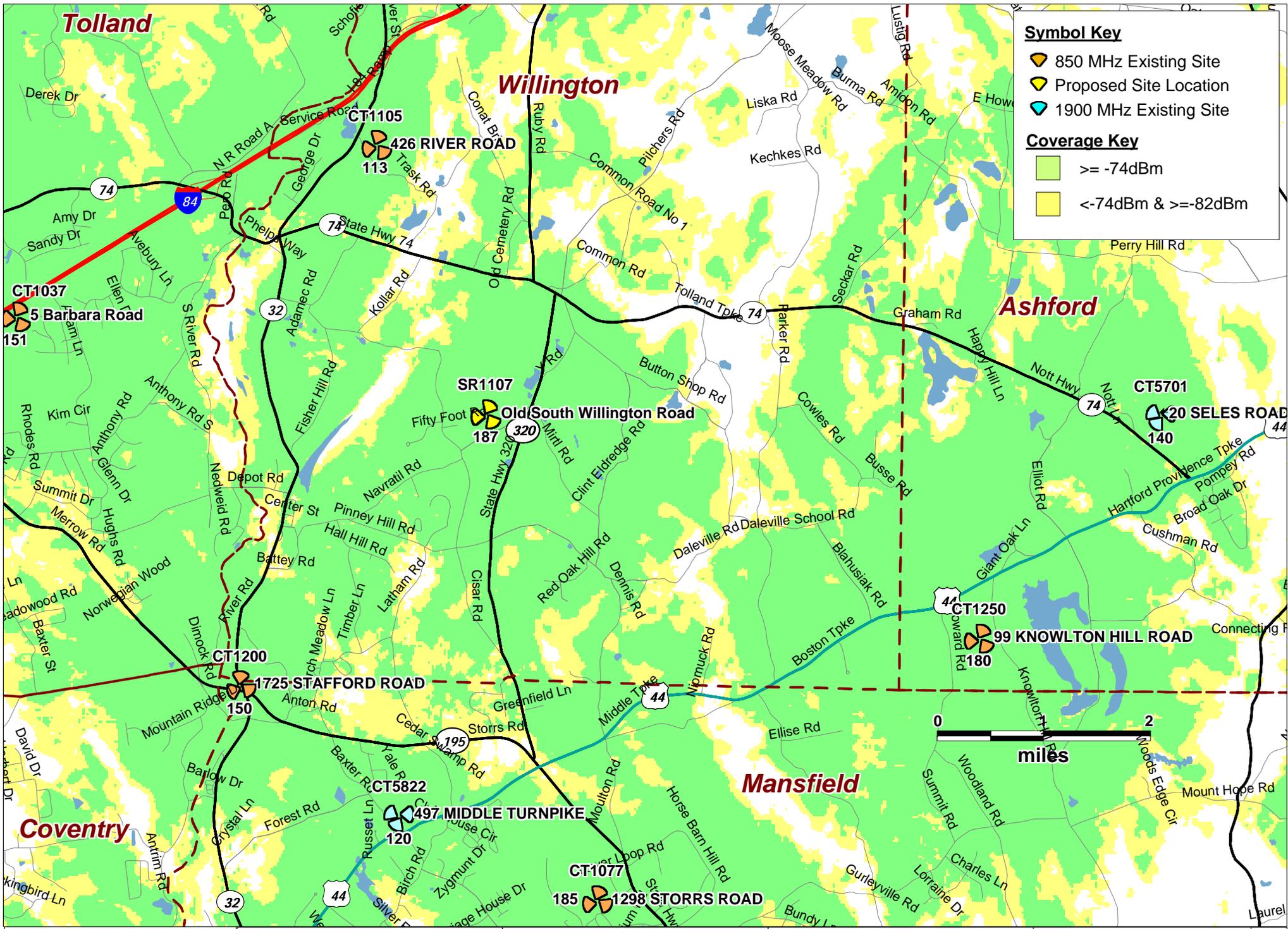
Existing and Proposed Coverage

Willington, CT

Tolland Turnpike
Willington, CT 06279



PREPARED ON	REV 0
DATE: 10/04/2010	



Existing and Proposed Coverage

Willington, CT

Old South Willington Road
Willington, CT 06279



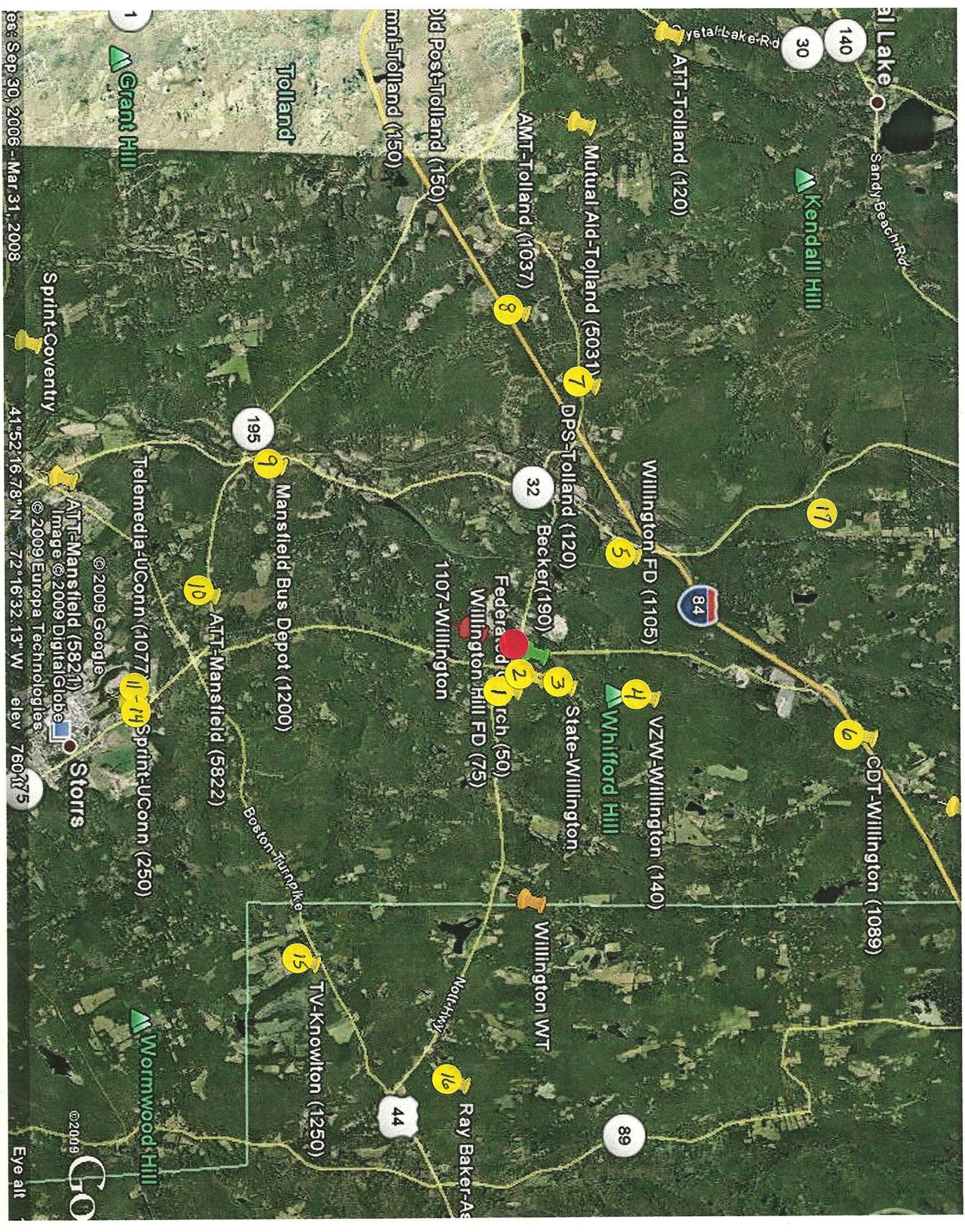
PREPARED ON	REV 0
DATE: 09/20/2010	

EXISTING TOWER/ CELL SITE LISTING

There are 16 communications towers and a church steeple located within approximately four miles of the site search area for the proposed site in Willington. Each location is also shown on the following map, numbered in the order appearing on this list. Not one of the below existing facilities would provide adequate coverage to the target area. Indeed, many of the towers listed below are currently being used or proposed for use by AT&T to provide service outside of the area targeted for service by the proposed Willington Facility.

<u>No.</u>	<u>OWNER/OPERATOR</u>	<u>TOWER/CELL SITE LOCATION</u>	<u>HEIGHT</u>	<u>SOURCE</u>	<u>COORDINATES</u>
1.	Willington Hill FD	24 Old Farms Road, Willington	+/-75'	Visual	Lat 41-52-18 Long 72-15-44
2.	Federated Churches of Willington	236 Tolland Tpke., Willington	+/-50'	Visual	Lat 41-52-31.4 Long 72-15-53
3.	State of CT	Jared Sparks Road, Willington	+/-75'	Visual	Lat 41-52-47 Long 72-15-46.6
4.	Verizon Wireless	Cosgrove Road, Willington	140'	CSC Database	Lat 41-53-33 Long 72-15-38
5.	Willington FD	126 River Road, Willington	110'	AT&T Site #1105	Lat 41-28-06 Long 72-16-23.6
6.	Cordless Data (CDT)	Turnpike Road, Willington	170'	AT&T Site #1089	Lat 41-55-32 Long 72-15-09
7.	DPS	Tolland Stage Road, Tolland	120'	CSC Database	Lat 41-53-03 Long 72-19-26
8.	American Tower	5 Barbara Road (Ruops), Tolland	150'	AT&T Site #1037	Lat 41-52-22 Long 72-20-22
9.	Town of Mansfield	1725 Stafford Road, Mansfield	170'	AT&T Site #1200	Lat 41-50-08.6 Long 72-18-27
10.	AT&T	497 Middle Tpke, Mansfield	120'	AT&T Site #5822	Lat 41-49-33 Long 72-16-55
11-14	UConn tower farm	North Eagleville Road, Mansfield	80' – 320'	AT&T Site #1077	Lat 41-48-50 Long 72-15-36

15.	SBA (Tower Ventures)	Knowlton Hill Road, Ashford	150'	AT&T Site #1250	Lat 41-50-26.8 Long 72-12-27.1
16.	Ray Baker	20 Seles Road, Ashford	190'	AT&T Site #5701	Lat 41-51-48 Long 72-10-57.2
17.	North Atlantic Towers ("NAT")	155 Schofield Road, Wilmington	149'	NAT marketing	Lat 41-55-20.2 Long 72-17-37.08



Crystal Lake Rd

140

30

Kendall Hill

ATT-Tolland (120)

Mutual Aid-Tolland (5031)

AMT-Tolland (1037)

Old Post-Tolland (150)

Tolland

117

84

Willington FD (1105)

DPS-Willington (120)

32

Becker (190)

1107-Willington

Federal Hill

Willington Hill FD (75)

1

Rich (50)

State-Willington

Whitford Hill

VZW-Willington (140)

CDT-Willington (1089)

6

Mansfield Bus Depot (1200)

195

9

AT&T-Mansfield (5822)

Telemedia-UConn (1077)

11

Sprint-UConn (250)

Storrs

Sprint-Coventry

© 2009 Google

AT&T-Mansfield (5822)

Image © 2009 DigitalGlobe

© 2009 Europa Technologies

41°52'16.78" N 72°16'32.13" W elev 760/175

Eye alt

© 2009 GO

ATTACHMENT 2

Site Search Summary

To initiate its site selection process in an area where a coverage need has been identified, AT&T first establishes a "site search area". The site search area is a general geographical location where the installation of a wireless facility would address the identified coverage need and/or capacity problem, while still allowing for orderly integration of the site into AT&T's network based on the radiofrequency engineering criteria of 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.

Attached is a map demonstrating sites searched by AT&T for location of a facility in Willington. In this particular area of Town, there are no communications towers or other structures that could service AT&T's gap in coverage. Subsequently, AT&T investigated several locations where the construction of a wireless facility might be feasible and identified the proposed site which will meet AT&T's radio frequency propagation needs.

Additional sites in and out of the site search area were analyzed and found to be technically inadequate or otherwise infeasible for construction. Descriptions of these sites are included below. These sites were generally rejected due either to the topography in the Willington site search area, the overall distance from the investigated site to the area where system coverage is needed or the inability to develop a tower at the site.

Sites Investigated

There are no existing structures within the search area adequate to meet the coverage requirements of the proposed Facility. In all, AT&T's representatives identified and investigated nine (9) potential sites/areas in and near the Willington site search area described above. The location of the sites investigated as well as any reason for eliminating the property as a siting option is included in the summary below. Following these descriptions is a map indicating the location of all sites investigated.

1. Address: Tolland Turnpike

Owner: Lawrence Becker
Map/Lot: 23/062
Deed: 86/332
Zoning District: R80
Lot Size: Approx. 47.7 Acres

This is the proposed Candidate A location.

2. Address: 180 Tolland Turnpike (pit)

Owner: Lawrence Becker
Map/Lot: 23/066
Deed: 41/394
Zoning District: R80

The site was rejected by AT&T's radio frequency engineers.

8. Address: Luchon Road

Owner: Town of Willington

Map/Lot: 13/005

Zoning District: R80

Lot Size: Approx. 3.26 Acres

The site was rejected by AT&T's radio frequency engineers. In addition, a site at this location would likely impact on-site wetlands.

9. Address: Jared Sparks Road

Owner: Town of Willington

Map/Lot: 27/012

Zoning District: R80

Lot Size: Approx. 20.0 Acres

The site was rejected by AT&T's radio frequency engineers.

Lot Size: Approx. 128.50 Acres

A site at this location would interfere with ongoing gravel operations of the land owner.

3. Address: Old South Willington Road

Owner: Lawrence Becker

Map/Lot: 18/019

Deed: 76/714

Zoning District: R80

Lot Size: Approx. 170 Acres

This is the proposed Candidate B location.

4. Address: 236 Tolland Turnpike

Owner: Federated Churches of Willington

Map/Lot: 23/053

Deed: 43/140

Zoning District: R80

Lot Size: Approx. 1.0 Acre

This church steeple proposed installation was rejected by AT&T's radio frequency engineers.

5. Address: 24 Old Farms Road

Owner: Willington Hill FD

Map/Lot: 23/044

Deed: 101/739

Zoning District: R80

Lot Size: Approx. 0.84 Acres

Existing tower too short; limited ground space for tower replacement; less natural screening; would require a 2nd tower for comparable radio frequency coverage to proposed Facility.

6. Address: 74 Willington Hill Road

Owner: Thompson

Map/Lot: 18/037

Zoning District: R80

Lot Size: Approx. 25.3 Acres

The site was rejected by AT&T's radio frequency engineers.

7. Address: 49 Hancock Road

Owner: Town of Willington

Map/Lot: 38/020

Zoning District: R80

Lot Size: Approx. 49.85 Acres

