

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE: :
: :
APPLICATION OF MCF COMMUNICATIONS : DOCKET NO. 323
bg, INC. FOR A CERTIFICATE OF : :
ENVIRONMENTAL COMPATIBILITY AND : :
PUBLIC NEED FOR THE CONSTRUCTION, : :
MAINTENANCE AND OPERATION OF A : :
TELECOMMUNICATIONS FACILITY AT 12 : :
CARPENTER ROAD, BOLTON, : :
CONNECTICUT : DECEMBER 20, 2006

SUPPLEMENTAL INFORMATION FILED ON BEHALF OF
INTERVENOR, CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS

Introduction

On December 14, 2006, Cellco Partnership d/b/a Verizon Wireless ("Cellco"), filed a Petition to Intervene seeking permission of the Siting Council ("Council") to participate in the Docket No. 323 proceeding; an application by MCF Communications bg, Inc. ("MCF") to construct a telecommunications tower and related facility at 12 Carpenter Road in Bolton, Connecticut. Cellco has evaluated the proposed MCF tower location and determined that this site would satisfy coverage objectives of its "Manchester 2" search area. Cellco also understands that the top three antenna locations on the proposed 130-foot tower have been reserved by T-Mobile (127-foot antenna centerline), Sprint Nextel (117-foot antenna centerline) and Cingular (107-foot centerline). At 97 feet, Cellco cannot provide reliable service to customers in the Manchester/Bolton area. Consequently, Cellco determined that in addition to sharing the proposed MCF tower it would ask the Council to consider and approve, as a part of this docket, an extension of the tower to a height of 140 feet. Cellco would maintain an antenna centerline of

137 feet.

Need

Cellco's network currently experiences an approximately 1.1 mile coverage gap along I-384 and an approximately 1.6 mile coverage gap along Route 6 at PCS frequencies and an approximately 0.95 mile coverage gap along Route 6 at cellular frequencies in the easterly portion of Manchester and westerly portion of Bolton. Coverage gaps also exist along local roads in this same general area. These gaps are clearly depicted on the coverage maps included behind Tab 1. Cellco cannot provide reliable service to customers traveling along I-384 and Route 6 or local roads in this area, from its existing Manchester 4, Bolton and Bolton East cell sites. Composite coverage maps depicting existing PCS and cellular coverage from Cellco's existing sites together with coverage from the proposed MCF tower site in Bolton (assuming an antenna center line height of 137 feet for Cellco antennas), are included behind Tab 2. With the MCF tower site, the coverage gaps mentioned above are eliminated.

Also attached are composite coverage maps, at both PCS and cellular frequencies, showing Cellco's coverage from the 97-foot level on the MCF tower. (See Tab 3). At 97 feet significant gaps in coverage remain (at PCS frequencies) along I-384; there is an overall reduction in the coverage footprint from the MCF site from 2.7 square miles (at 137 feet) to 1.8 square miles (at 97 feet) at PCS frequencies; and there is an overall reduction in the coverage footprint from the MCF site from 7.6 square miles (at 137 feet) and 5.4 square miles (at 97 feet) at cellular frequencies.

FAA Summary Report

Cellco has confirmed that, pursuant to FAA standards and requirements, a 140-foot tower at the MCF site would not constitute an obstruction or hazard to air navigation and, therefore, no

obstruction marking or lighting would be required. A copy of the Federal Airways & Airspace Summary Report is included behind Tab 4.

Comparative View Shed Map

Cellco has asked VHB, Inc. to prepare a Comparative View Shed Map, illustrating year-round visibility of the proposed tower at 130 feet above ground level and 140 feet above ground level. This map confirms that the 10-foot increase in tower height will result in only a minimal increase in visibility (27 acres of year-round visibility at 130 feet and 30 acres of year-round visibility at 140 feet). A copy of the Comparative View Shed Map is attached behind Tab 5.

Abutters Notice

Notice of Cellco's intent to seek Council approval of a 140-foot tower was sent to the owners of property whose land abuts the 43 acre subject parcel and to the owner of the subject parcel itself. A copy of the notice letter together with a list of owners receiving this notice is included behind Tab 6.

Municipal Notice

A copy of this supplemental information package was sent to the Town of Bolton First Selectman and Land Use Department. Due to the proximity of the site to the Manchester/Bolton town line the supplemental information package was also sent to the Town of Manchester General Manager's office and Planning and Economic Development Department. Copies of the letters to these public officials are included behind Tab 7.

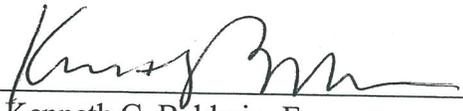
Legal Notice

On December 21 and 22, 2006, Cellco will publish a legal notice, in the Hartford Courant and Journal Inquirer, of its intent to intervene in this docket and request an increase in the height

of the proposed MCF tower from 130 feet to 140 feet. A copy of the Legal Notice is included behind Tab 8.

Respectfully submitted,

CELLCO PARTNERSHIP d/b/a VERIZON
WIRELESS

By 
Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597
(860) 275-8200
Its Attorneys

CERTIFICATE OF SERVICE

I hereby certify that on the 20th day of December 2006, a copy of the foregoing was mailed, postage prepaid, to:

**MCF Communications bg, Inc. and
Omnipoint Communications, Inc.**

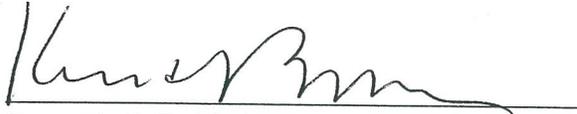
Julie Donaldson Kohler, Esq.
Carrie L. Larson, Esq.
Cohen and Wolf PC
1115 Broad Street
P.O. Box 1821
Bridgeport, CT 06601-1821

Sprint/Nextel Corporation

c/o Thomas J. Regan, Esq.
Brown Rudnick Berlack Israels LLP
City Place 1
185 Asylum Street
Hartford, CT 06103

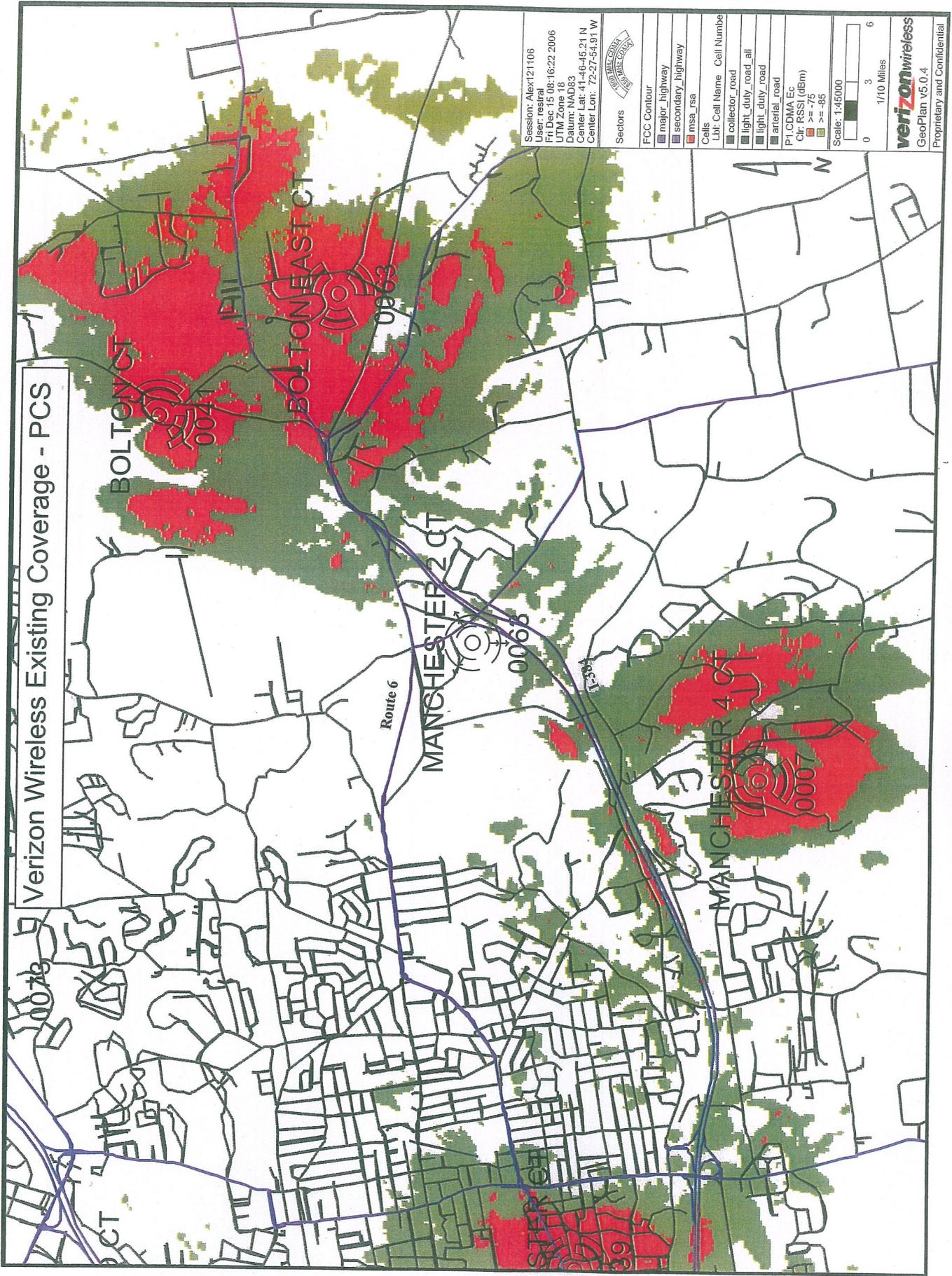
New Cingular Wireless

Christopher B. Fisher, Esq.
Cuddy & Feder LLP
445 Hamilton Avenue, 14th Floor
White Plains, NY 10601

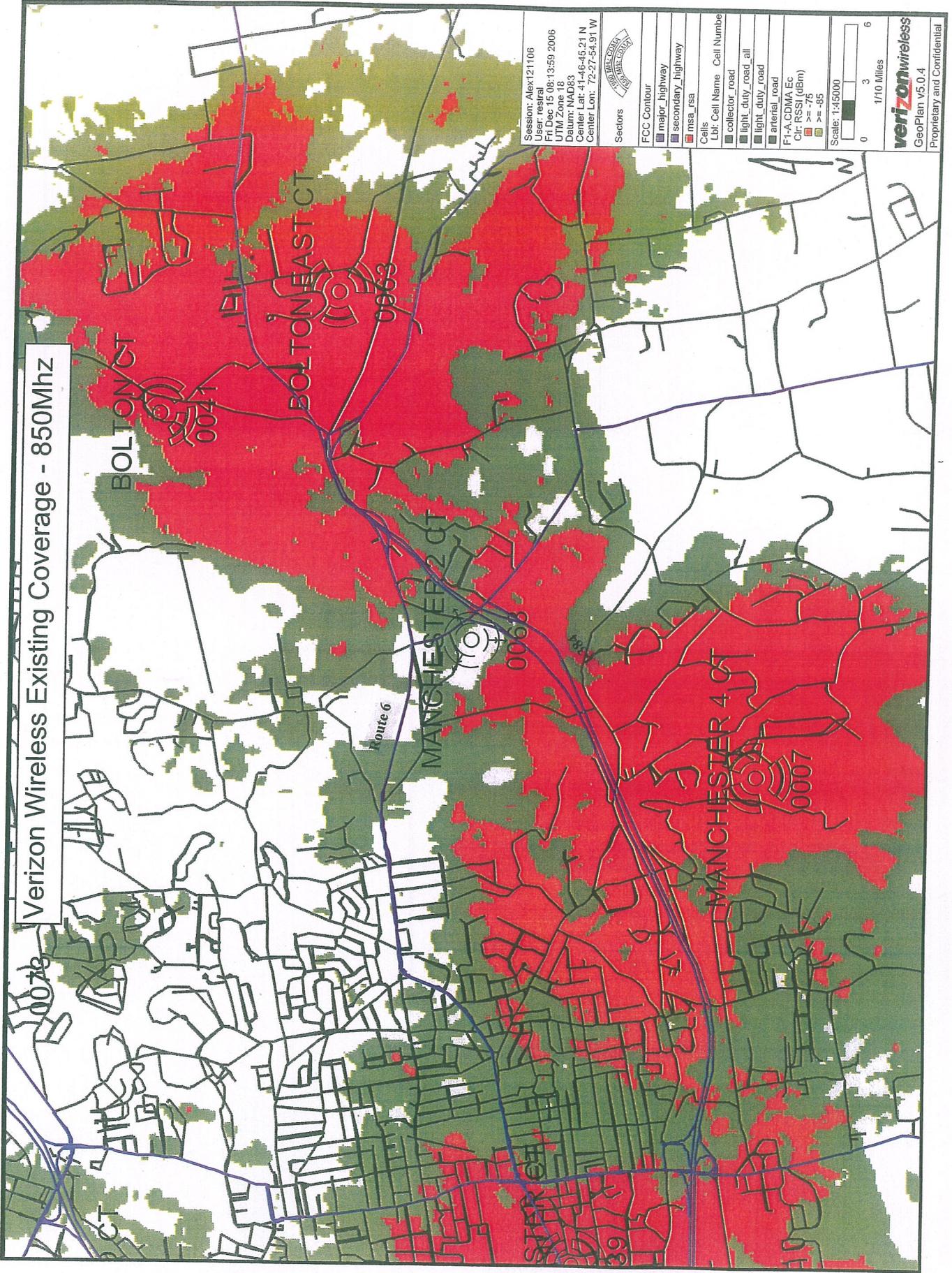


Kenneth C. Baldwin

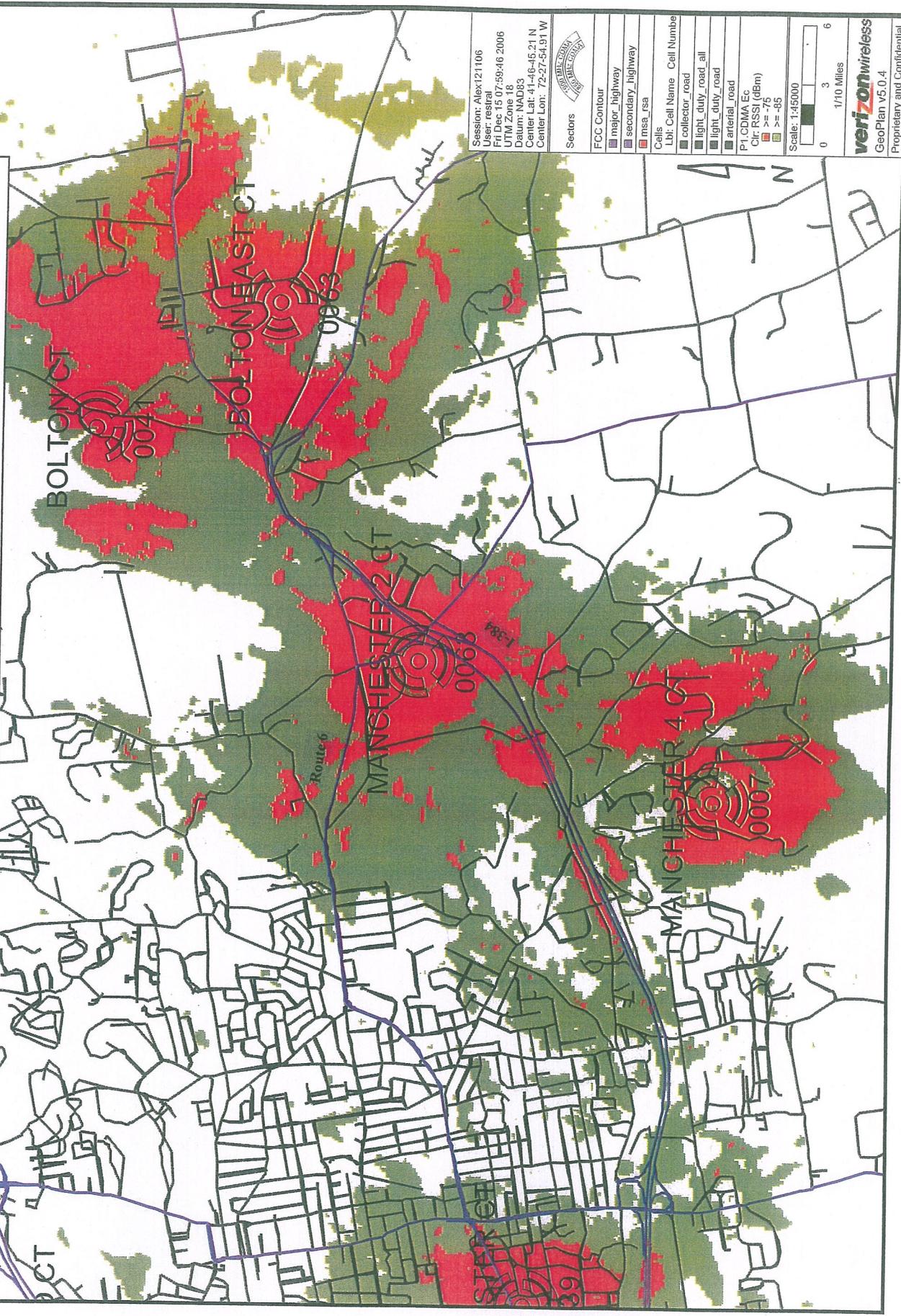
Verizon Wireless Existing Coverage - PCS



Verizon Wireless Existing Coverage - 850Mhz



Verizon Wireless Coverage with Proposed Manchester 2 Site @ 137 ft - PCS



Session: Alex121106
User: restral
Fri Dec 15 07:59:46 2006
UTM Zone 18
Datum: NAD83
Center Lat: 41-46-45.21 N
Center Lon: 72-27-54.91 W

Sectors

- major_highway
- secondary_highway
- msa_rsa

Cells

Lbt	Cell Name	Cell Number
■	collector_road	
■	light_duty_road_all	
■	light_duty_road	
■	arterial_road	

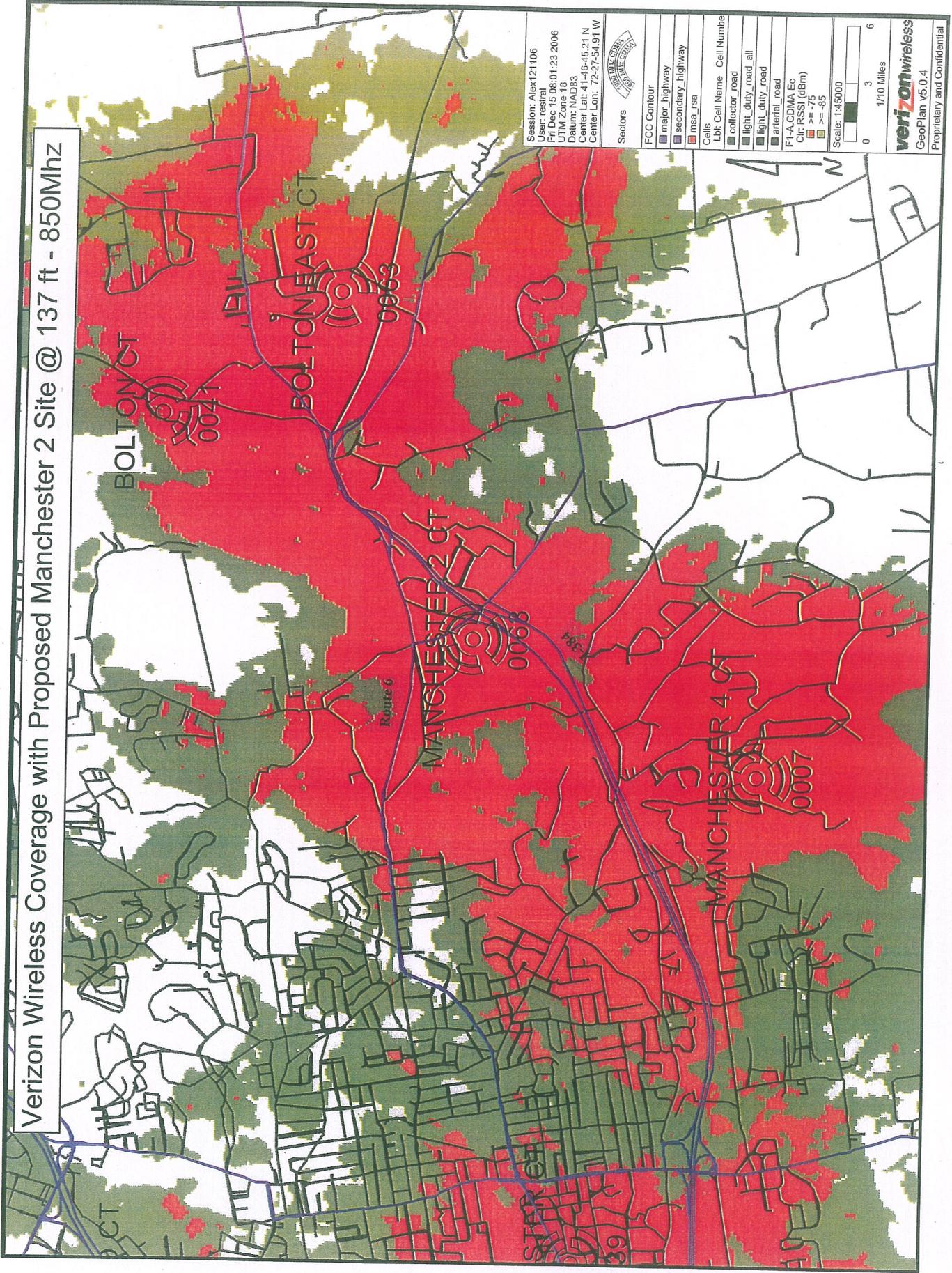
P1.CDMA Ec
Ctr: RSSI (dBm)
■ >= -75
■ >= -85

Scale: 1:45000

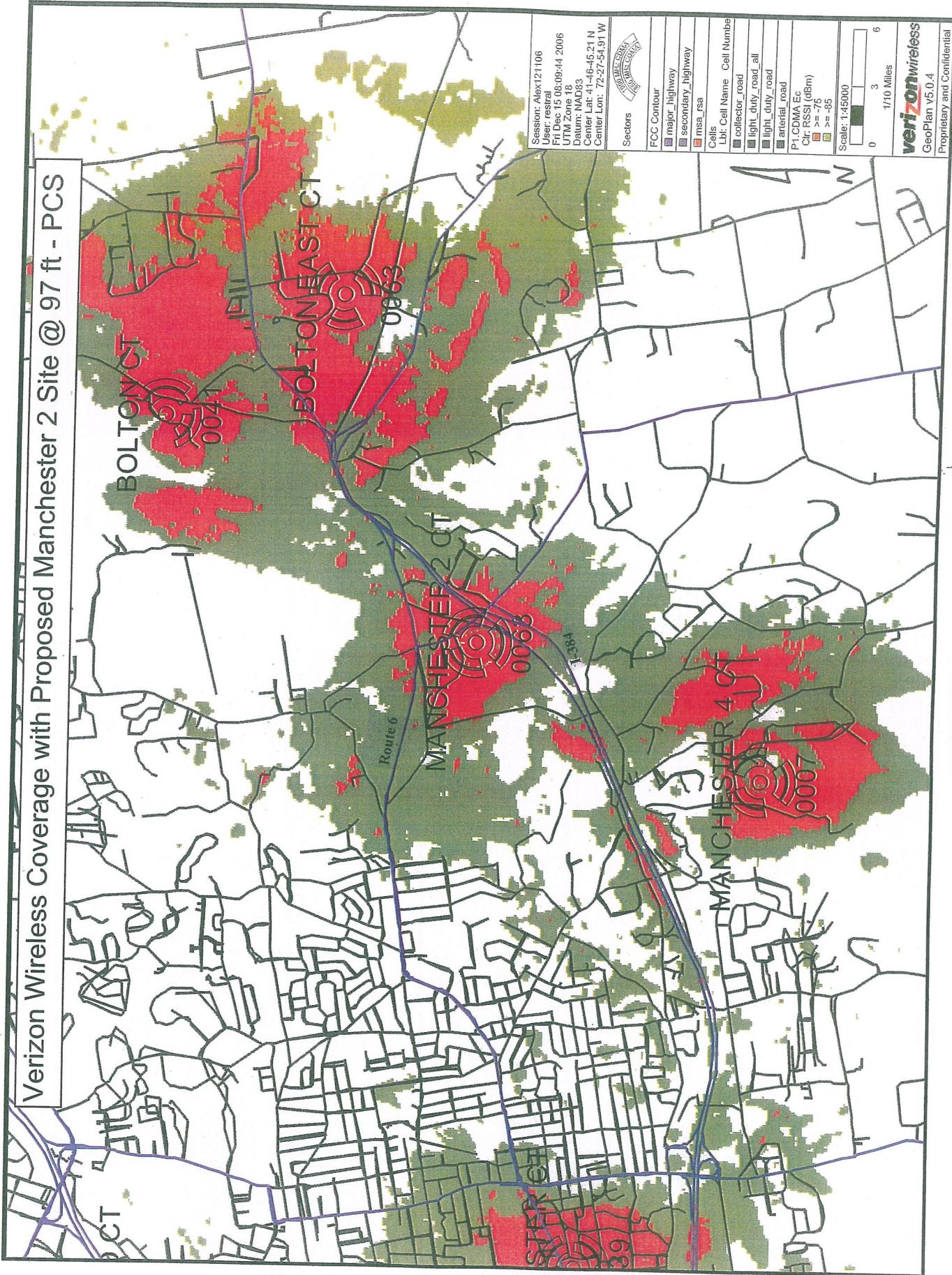
0 3 6
1/10 Miles

verizonwireless
GeoPlan v5.0.4
Proprietary and Confidential

Verizon Wireless Coverage with Proposed Manchester 2 Site @ 137 ft - 850Mhz



Verizon Wireless Coverage with Proposed Manchester 2 Site @ 97 ft - PCS



Session: Alex121106
 User: restral
 Fri Dec 15 08:09:44 2006
 UTM Zone 18
 Datum: NAD83
 Center Lat: 41-46-45.21 N
 Center Lon: 72-27-54.91 W

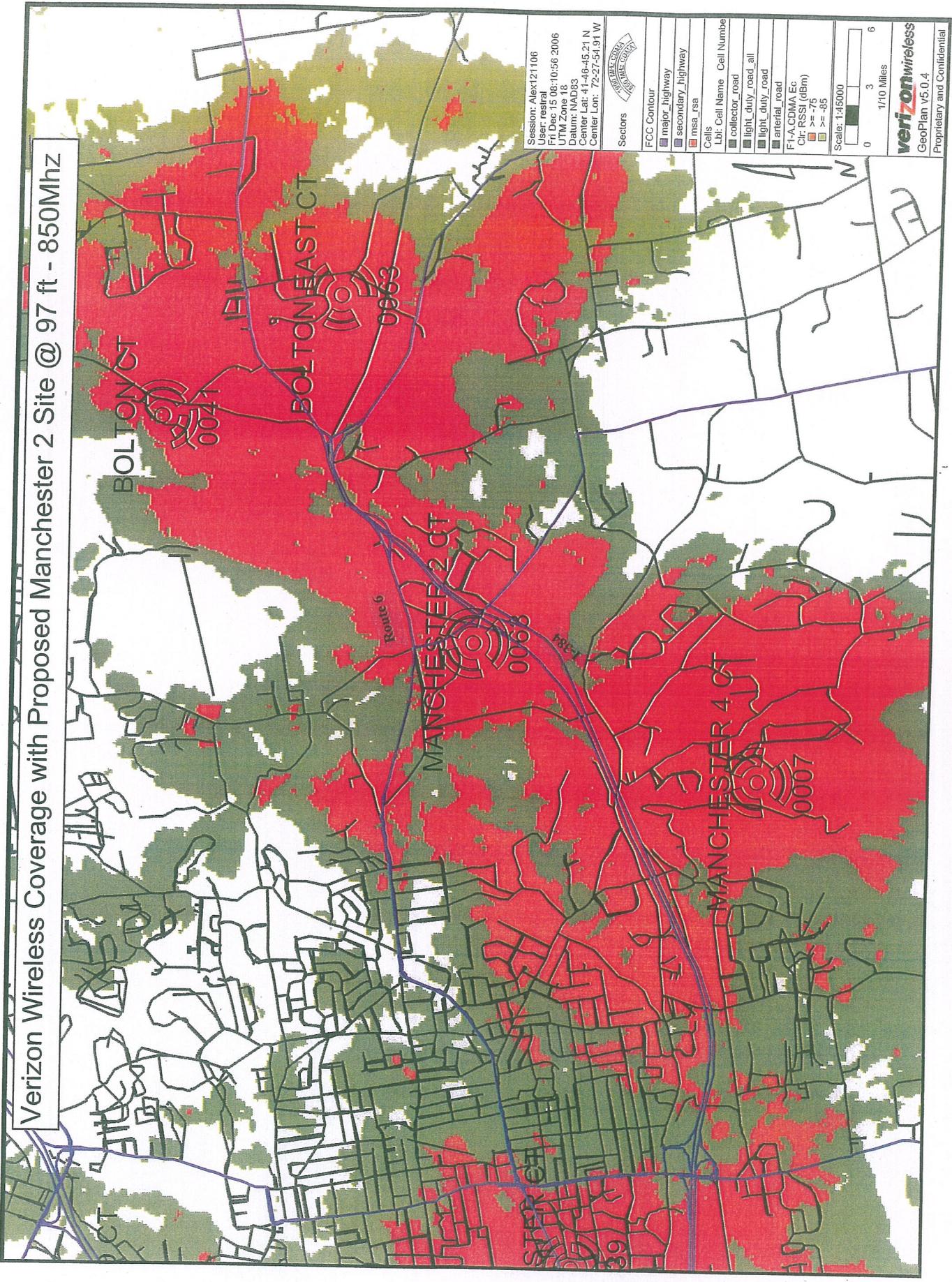
- Sectors
- FCC Contour
 - major_highway
 - secondary_highway
 - msa_rsa
- Calls
- Cell Name Cell Number
 - collector_road
 - light_duty_road_all
 - light_duty_road
 - arterial_road
- PT,CDMA Ec
- Cir: RSSI (dBm)
- >= -75
 - >= -85

Scale: 1:45000

0 3 6
 1/10 Miles

verizonwireless
 GeoPlan v5.0.4
 Proprietary and Confidential

Verizon Wireless Coverage with Proposed Manchester 2 Site @ 97 ft - 850Mhz



Session: Alex121106
 User: resiral
 Fri Dec 15 08:10:56 2006
 UTM Zone 18
 Datum: NAD83
 Center Lat: 41-46-45.21 N
 Center Lon: 72-27-54.91 W

- Sectors**
- FCC Contour
 - major_highway
 - secondary_highway
 - msa_rsa
- Cells**
- Lbr: Cell Name Cell Number
 - collector_road
 - light_duty_road_all
 - light_duty_road
 - arterial_road
- F1-A-CDMA-Es**
- Chr: RSSI (dBm)
 - >=-75
 - >=-85
- Scale: 1:45000
 0 3 6
 1/10 Miles

* Federal Airways & Airspace *
* Summary Report *

File: MANCHESTER2

Location: Hartford, CT
Distance: 11.3 Statute Miles
Direction: 265° (true bearing)

55.1"

Latitude: 41°-46'-44.7" Longitude: 72°-27'-

SITE ELEVATION AMSL.....620 ft.
STRUCTURE HEIGHT.....137 ft.
OVERALL HEIGHT AMSL.....757 ft.

NOTICE CRITERIA

FAR 77.13(a)(1): NNR (DNE 200 ft AGL)
FAR 77.13(a)(2): NNR (DNE Notice Slope)
FAR 77.13(a)(3): NNR (Not a Traverse Way)
FAR 77.13(a)(4): PNR (Circling Approach Area)
FAR 77.13(a)(4): PNR (Straight-In Procedure. Check FAF distance for
TERPS® impact. HFD)
FAR 77.13(a)(4): NNR (No Expected TERPS® impact 7B9)
FAR 77.13(a)(5): NNR (Off Airport Construction)

Notice to the FAA is not required at the analyzed location and height.

NR = Notice Required
NNR = Notice Not Required
PNR = Possible Notice Required

OBSTRUCTION STANDARDS

FAR 77.23(a)(1): DNE 500 ft AGL
FAR 77.23(a)(2): DNE - Airport Surface
FAR 77.25(a): DNE - Horizontal Surface
FAR 77.25(b): DNE - Conical Surface
FAR 77.25(c): DNE - Primary Surface
FAR 77.25(d): DNE - Approach Surface
FAR 77.25(e): DNE - Transitional Surface

VFR TRAFFIC PATTERN AIRSPACE FOR: HFD: HARTFORD-BRAINARD

Type: AIR RD: 51309 RB: 252.84 RE: 19
FAR 77.23(a)(1): DNE
FAR 77.23(a)(2): DNE - Greater Than 6 NM.
VFR Horizontal Surface: DNE
VFR Conical Surface: DNE
VFR Approach Slope: DNE
VFR Transitional Slope: DNE

VFR TRAFFIC PATTERN AIRSPACE FOR: 7B9: ELLINGTON

Type: AIR RD: 52202 RB: 2.46 RE: 265
FAR 77.23(a)(1): DNE
FAR 77.23(a)(2): Does Not Apply.
VFR Horizontal Surface: DNE

VFR Conical Surface: DNE
VFR Approach Slope: DNE
VFR Transitional Slope: DNE

TERPS DEPARTURE PROCEDURE (FAA Order 8260.3, Volume 4)
FAR 77.23(a)(3) Departure Surface Criteria (40:1)
DNE Departure Surface

MINIMUM OBSTACLE CLEARANCE ALTITUDE (MOCA)
FAR 77.23(a)(4) MOCA Altitude Enroute Criteria
The Maximum Height Permitted is 1500 ft AMSL

PRIVATE LANDING FACILITIES

FACIL IDENT	TYP	NAME	BEARING To FACIL	DISTANCE IN N.M.	DELTA ARP ELEVATION
CT09	AIR	HECKLER FIELD	66.6	3.597	-36

No Impact to Near Airport Surface.
Below surface height of 260 ft above ARP.

AIR NAVIGATION ELECTRONIC FACILITIES

No Electronic Facilities Are Within 25,000 ft

FCC AM PROOF-OF-PERFORMANCE

NOT REQUIRED: Structure is not near a FCC licensed AM
radio station Proof-of-Performance is not required.
Please review AM Station Report for details.

Nearest AM Station: WKND @ 7628 meters.

Airspace® Summary Version 2006.11

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12-18-2006
08:57:58

Comparative Viewshed Map

Proposed 130-Foot Tall Monopole and 10-Foot Extension

Town of Bolton
Bolton
Connecticut

Proposed 130-Foot Tall Monopole and 10-Foot Verizon Wireless Extension 12 Carpenter Road Bolton, Connecticut

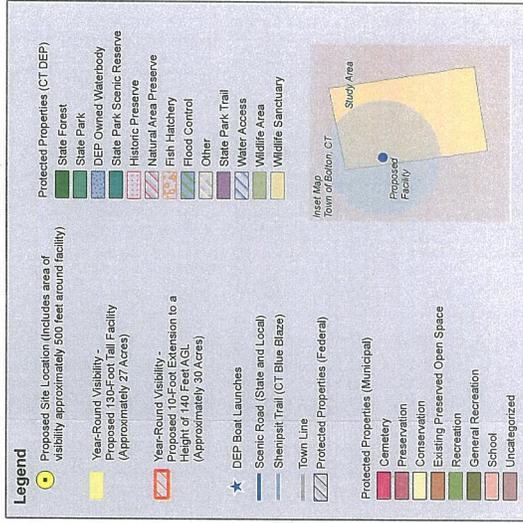
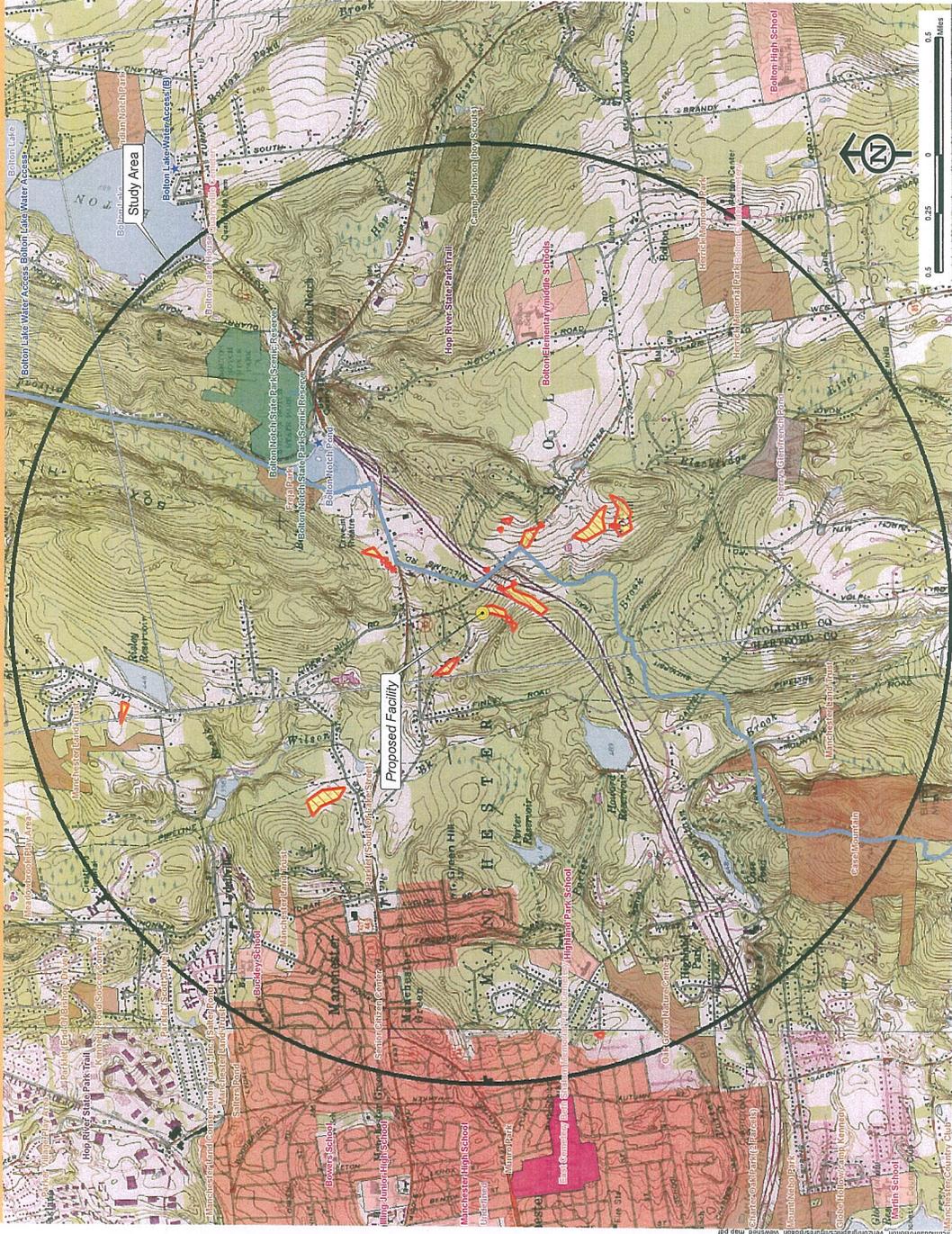
NOTE:

- Viewshed analysis conducted using ESRI's Spatial Analyst.
- Proposed height is 130 feet. Verizon Wireless seeks a 10-foot extension for a total height of 140 feet AGL.
- Existing tree canopy height estimated at 65 feet.
- The Study Area is defined as a two-mile radius surrounding the existing facility and includes 8,042 acres of land.

DATA SOURCES:

- 7.5 minute digital elevation model (DEM) with 30 meter resolution produced by the USGS, 1982
- Forest areas derived from 2004 digital orthophotos with 0.5-foot pixel resolution; digitized by VHB, 2006. Forested areas comprise 6,464 acres or approximately 80% of the Study Area.
- Base map comprised of Manchester and Rockville USGS Quadrangle Maps
- Protected properties data layer provided CTDEP, 2003
- Scenic Roads layer derived from available State and Local listings.

Map Compiled December 2006



KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

December 21, 2006

Via Certified Mail, Return Receipt Requested

«Name_and_Address»

**Re: Connecticut Siting Council Docket No. 323 - Application of MCF
Communications bg, Inc. for the construction of a telecommunications
tower at 12 Carpenter Road, Bolton, Connecticut**

Dear «Salutation»:

This firm represents Cellco Partnership d/b/a Verizon Wireless (“Cellco”). Cellco has recently requested intervenor status in the above-referenced docket. Cellco has identified the proposed MCF tower as a facility that would satisfy its wireless coverage objectives in the Bolton and Manchester areas.

In order to effectively utilize the proposed facility, however, Verizon Wireless will be requesting that the Connecticut Siting Council (“Council”) increase the height of the proposed tower from 130 feet as proposed by MCF to 140 feet. Supplemental information justifying Cellco’s need for the additional height has been filed with the Council. Copies of this information has also been sent to the Town of Bolton First Selectman’s office and Land Use Department as well as the Town of Manchester General Manager’s office and Planning and Economic Development Department. This letter is being sent to you because you appear on a list of abutting landowners included in the MCF application.

If you have any questions regarding Cellco’s intervention proposal, including its request to increase the height of the proposed tower, please feel free to contact me or the Connecticut Siting Council.

Sincerely,

Kenneth C. Baldwin

ABUTTING PROPERTY OWNERS

Thomas F. Cleary 9 Carpenter Road Bolton, CT 06043	Brian and Jane Lonsdale 20 Carpenter Road Bolton, CT 06043
Christopher J. Uriano and Angela M. Diliberto 11 Carpenter Road Bolton, CT 06043	Nancy Klingerman 22 Carpenter Road Bolton, CT 06043
Lidia M. Chatham 17 Carpenter Road Bolton, CT 06043	Jeffrey S. and Renee Johnson 24 Carpenter Road Bolton, CT 06043
Raymond E. and Debra R. Myette, Jr. 18 Riga Lane Bolton, CT 06043	Pamela M. Cooney 26 Carpenter Road Bolton, CT 06043
Jonathan Treat 87 Bolton Center Road Bolton, CT 06043	Dale and Louise Smith 28 Carpenter Road Bolton, CT 06043
CL&P P.O. Box 270 Hartford, CT 06141	Arthur L. and Marjorie Highter 30 Carpenter Road Bolton, CT 06043
Carol O. Melquist 19 Keeney Drive Bolton, CT 06043	Town of Manchester 41 Center Street Manchester, CT 06040
Terry L. Veo, Trustee 10 Carpenter Road Bolton, CT 06043	

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

December 20, 2006

Scott Shanley, General Manager
Town Hall
41 Center Street
P.O. Box 191
Manchester, CT 06045-0191

Re: **Docket No. 323 – MCF Communications bg, Inc.
Application to Construct a Wireless Telecommunications Tower and
Related Facility at 12 Carpenter Road, Bolton, Connecticut**

Dear Mr. Shanley:

This firm represents Cellco Partnership d/b/a Verizon Wireless (“Cellco”). On December 14, 2006, Cellco filed, with the Connecticut Siting Council (“Council”), a Petition to Intervene in the above-referenced docket and is interested in sharing the proposed tower. In support of the Petition to Intervene, Cellco has filed with the Council supplemental information regarding Cellco’s proposed shared use of the MCF facility. A copy of this information is enclosed for your review.

It is important to note that as a part of its request for intervenor status, Cellco will be asking the Council to approve a tower of 140 feet, ten feet taller than the 130-foot tower proposed by MCF.

If you have any questions regarding the Cellco information, please do not hesitate to contact me.



Law Offices

BOSTON

HARTFORD

NEW LONDON

STAMFORD

WHITE PLAINS

NEW YORK CITY

SARASOTA

www.rc.com

Sincerely,

Kenneth C. Baldwin

KCB/kmd
Attachment
Copy to:

Mark Pellegrini, AICP, Director, Planning and Economic Development
Sandy M. Carter (w/o enc.)

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

December 20, 2006

Robert R. Morra
First Selectman
Town of Bolton
222 Bolton Center Road
Bolton, CT 06043

Re: **Docket No. 323 – MCF Communications bg, Inc.
Application to Construct a Wireless Telecommunications Tower and
Related Facility at 12 Carpenter Road, Bolton, Connecticut**

Dear Mr. Morra:

This firm represents Cellco Partnership d/b/a Verizon Wireless (“Cellco”). On December 14, 2006, Cellco filed, with the Connecticut Siting Council (“Council”), a Petition to Intervene in the above-referenced docket and is interested in sharing the proposed tower. In support of the Petition to Intervene, Cellco has filed with the Council supplemental information regarding Cellco’s proposed shared use of the MCF facility. A copy of this information is enclosed for your review.

It is important to note that as a part of its request for intervenor status, Cellco will be asking the Council to approve a tower of 140 feet, ten feet taller than the 130-foot tower proposed by MCF.

If you have any questions regarding the Cellco information, please do not hesitate to contact me.



Law Offices

BOSTON

HARTFORD

NEW LONDON

STAMFORD

WHITE PLAINS

NEW YORK CITY

SARASOTA

www.rc.com

Sincerely,

A handwritten signature in black ink, appearing to read 'Kenneth C. Baldwin'.

Kenneth C. Baldwin

KCB/kmd
Attachment
Copy to:

Eric Luntta, Chairman, Bolton Planning and Zoning Commission
S. Derek Phelps, Executive Director, Connecticut Siting Council (w/o enc.)
Sandy M. Carter (w/o enc.)

Notice of Intervention

Connecticut Siting Council Docket No. 323

Applicant: MCF Communications bg, Inc.

On October 4, 2006, MCF Communications bg, Inc. filed an application with the Connecticut Siting Council to construct a 130-foot telecommunications tower on an approximately 43 acre property at 12 Carpenter Road in Bolton, CT. The Council has issued this application Docket No. 323 and has scheduled a public hearing to be held on January 24, 2007 at the Bolton Town Hall.

Cellco Partnership d/b/a Verizon Wireless ("Cellco") has requested intervenor status in Docket No. 323 and intends to participate in the proceeding. To satisfy its coverage objectives in the Bolton area, Cellco will request that the Siting Council increase the height of the tower from 130 feet as proposed to 140 feet. Supplemental information on Cellco's shared use of this facility has been filed with the Siting Council. Copies of this supplemental information is also on file in the Town of Bolton First Selectman's office and Land Use Department and the Town of Manchester General Manager's office and Planning and Economic Development Department.

If you have any questions regarding Cellco's intervention in Docket No. 323 you can contact the Council at 860-827-2935 or Kenneth C. Baldwin, Robinson & Cole LLP, Attorney for Cellco Partnership d/b/a Verizon Wireless, 280 Trumbull Street, Hartford, CT 06103, Tel.: (860) 275-8200, Fax: (860) 275-8299, E-mail: kbaldwin@rc.com.