

EM-SNET-103-990922

Southern New England Telephone Co.
310 Orange St. 6TH Floor 6B6
New Haven, CT. 06510
Troy Riccitelli
Regional Manager
Tel: 203-771-8832

September 3, 1999

Mr. Mortimer A. Gelston, Chairman
Connecticut Siting Council
136 Main Street, Suite 401
New Britain, CT 06051

Dear Chairman Gelston,

Enclosed is a Notice of Intent to Modify an Exempt Tower and Associated Equipment for facilities owned by the Southern New England Telephone Company (SNET) on Willard Road in Norwalk, Connecticut.

The proposed modification can be generally described as the addition of two (2) antenna units and associated radio equipment for American Mobile ARDIS. The top of the proposed antennas will be below the highest point of the existing free standing tower structure, including existing antennas. No changes will be made to either the tower structure, the fence surrounding the installation or any of the existing structures on the site. The radio equipment will be housed inside the existing equipment room at the base of the tower.

The attached pages detail the required information for this location. As shown in the attachments, the proposed addition meets all the necessary criteria established in the Regulations of Connecticut State Agencies Section 16-50j-72 (b) (2), and is an exempt facility pursuant to Section 16-50j-73.

Please record me as SNET Regional Manager in this matter and in all correspondence from the Council.

Thank you in advance for your cooperation.

Sincerely,


Troy Riccitelli SNET Regional Manager

Copies to:

Mayor Frank J. Esposito
City Hall
125 East Ave.
PO Box 5125
Norwalk, CT 06856-5125

RECEIVED

SEP 22 1999

**CONNECTICUT
SITING COUNCIL**

Pursuant to Section 16-50i (a) (5) of the Connecticut General Statutes and Section 16-50j-72 (b) (2), as amended, of the Regulations of Connecticut State Agencies, the Southern New England Telephone Company (SNET) hereby notifies the Connecticut Siting Council that it intends to modify an existing communications facility by adding two (2) vertical antennas, and associated equipment. These antennas and associated equipment will be owned, operated and maintained by American Mobile ARDIS. The associated communications hardware will be located in SNET's equipment shelter located at the base of the tower. The site is located on 10 Willard road in Norwalk, Connecticut (C.S.C. site C377).

Background

The proposed modifications are at the site of a self-supporting 373-foot lattice communications tower. Both the shelter and the tower are owned and operated by SNET. The tower was formally used for SNET's microwave telecommunications network and is currently used by SNET Mobility, PageNet, Destineer, SNET's internal Mobile Radio System, Sprint PCS, Omnipoint Com. Inc., Teletrac, Inc. and RAM Mobile Data USA.

Discussion

American Mobile ARDIS proposes to install two (2) transmit antennas. The highest point of each antenna, at the tip, will be 359 feet above grade level. The lowest point 350 feet above grade level. The power density increase from this antenna at this site as shown tabulated below. The purpose of these antennas is to serve the public with a two-way radio data system in the Norwalk area. The make and model number of the antennas will be Sinclair model SRL420NHD. Frequencies used will be 855.0125 and 855.8375 MHz.

Below is a chart, which represents the existing and proposed contributors to the power density from this site. The levels shown indicate the total power density in milliwatts per square centimeter at the tower base.

Operator	Power Density at Support Structure Base mW/cm ²	Antenna Height, ft	Maximum Permissible Exposure, CT/IEEE Standard	% of Standard
SNET Mobility	0.0047	280	0.5667	0.82%
PageNet	0.0033	350	0.621	0.53%
SNET TMRS	0.002	350	0.313	0.64%
Sprint	0.0084	240	1.305	0.64%
Destineer/SkyTel	0.007	355	0.621	1.12%
RAM Mobile Data	0.0006	355	0.6267	0.098%
PageNet 900 MHz upper antennas	0.0294	306	0.621	4.71%
PageNet 900 MHz lower antennas	0.0306	300	0.621	4.9%
PageNet 1.2M dish	0	20	N/A	0%
Teletrac Inc.	0	0	0	0
Omnipoint PCS	0.003705	195	1.0	0.3705%
American Mobile Com. (proposed)	0.000511	350	0.5706	0.089%
TOTALS, ALL USERS	0.090216	N/A	N/A	13.92%

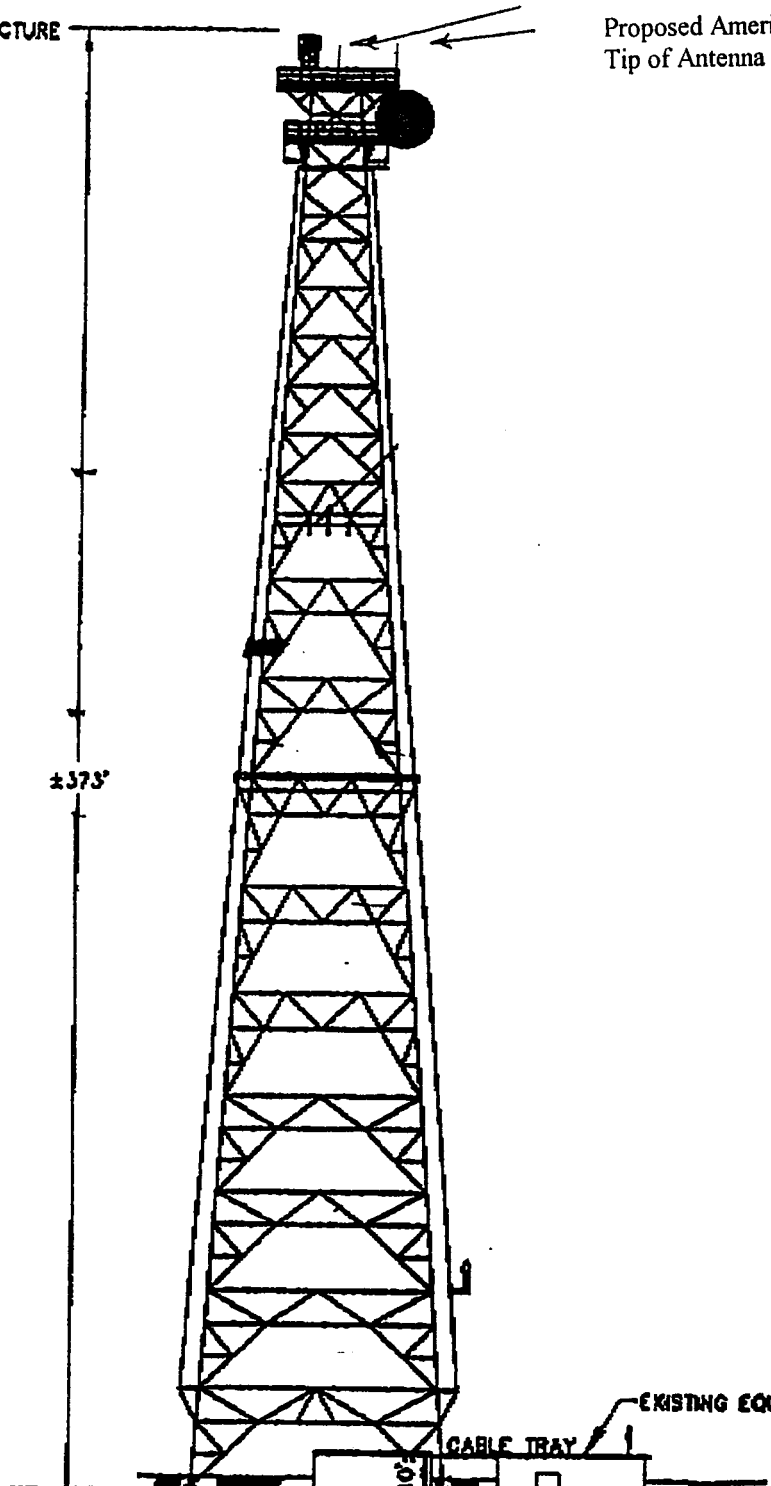
TOP OF STRUCTURE

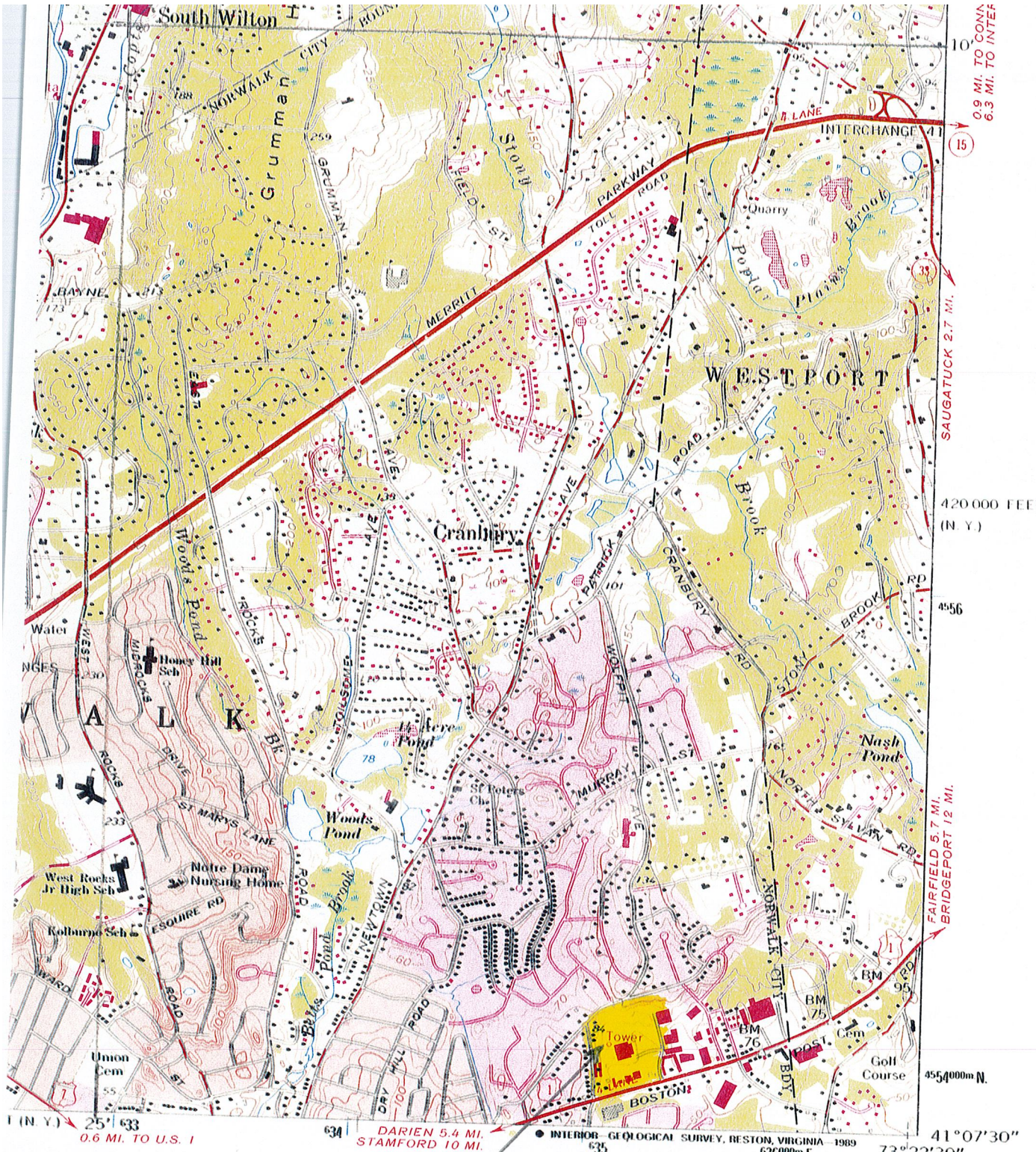
Proposed American Mobile Antennas
Tip of Antenna 359 ft. AGL

±373'

EXISTING EQUIPMENT ROOM
CABLE TRAY
EXISTING EQUIPMENT ROOM
12'-10"

(NORTH) EXISTING TOWER ELEVATION





ROAD CLASSIFICATION

Heavy duty		Light duty	
Medium duty		Unimproved dirt	
	U. S. Route		State Route



NORWALK NORTH, CONN.-N. Y.

Revisions shown in purple compiled in cooperation with Connecticut Highway Department from aerial photographs taken 1971. This information not field checked
Purple tint indicates extension of urban areas

41073-B4-TF-024
PHOTOINSPECTED 1975
1960
PHOTOREVISED 1971
DMA 6366 III NW-SERIES V816

(SHERWOOD POINT)
6366 III SE



SNET TOWER
10 Willard Rd.
Norwalk, CT.



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

September 23, 1999

Honorable Frank J. Esposito
Mayor
City of Norwalk
City Hall
125 East Ave., P.O. Box 5125
Norwalk, CT 06856-5125

RE: EM-SNET-103-990922 - Southern New England Telephone notice of intent to modify an existing telecommunications facility located at 10 Willard Road in Norwalk, Connecticut.

Dear Mayor Esposito:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for Friday, October 8, 1999, at 10:00 a.m. in Hearing Room One, Ten Franklin Square, New Britain, Connecticut.

Please call me or inform the Council if you have any questions or comments regarding this proposal.

Thank you for your cooperation and consideration.

Very truly yours,

A handwritten signature in black ink, appearing to read "Joe M. Rinebold".

Joe M. Rinebold
Executive Director

JMR/jlh

Enclosure: Notice of Intent



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

October 12, 1999

Troy Riccitelli, Regional Manager
Southern New England Telephone Co.
310 Orange St. 6th Floor
New Haven, CT 06510

RE: EM-SNET-103-990922 - Southern New England Telephone notice of intent to modify an existing telecommunications facility located at 10 Willard Road in Norwalk, Connecticut.

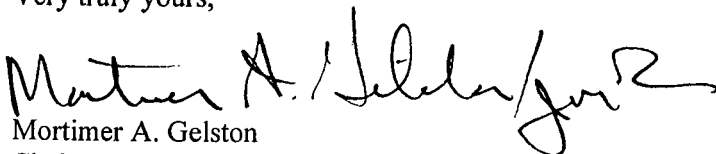
Dear Mr. Riccitelli:

At a public meeting held on October 8, 1999, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Norwalk, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here, in your notice dated September 3, 1999, and in additional information dated September 24, 1999. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies 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 General Statutes § 22a-162. This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

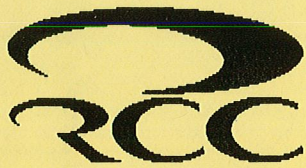
Very truly yours,



Mortimer A. Gelston
Chairman

MAG/SLL/sll

cc: Honorable Frank J. Esposito, Mayor, City of Norwalk
J. Brendan Sharkey, Esq., Omnipoint Communications
Peter W. van Wilgen, Director - Real Estate Operations, SNET Wireless, Inc.
Steve Kotfila, Site Development Manager, Sprint PCS
Sam J. D'Agostino, Zoning Specialist, LLC International, Inc. fbo Pagenet, Inc.



F A X

TO: MR. STEVE LEVINE
FROM: DON WILSON
DATE: SEPT-24-99

PAGES: 2

If you have not received all pages, please call 732-404-2400.

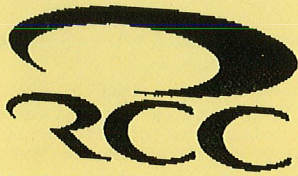
COMMENTS:

HAVE A GOOD WEEKEND.

Don Wilson

RCC Consultants, Inc.

100 Woodbridge Center Drive • Suite 201 • Woodbridge, New Jersey 07095-1125 • tel (732) 404-2400 • fax (732)-404-2556



RECEIVED

Date: Sept. 24, 1999

SEP 24 1999

To: Mr. Steve Levine
Connecticut Siting Council.
From: Don Wilson
RCC Consultants, Inc.

CONNECTICUT
SITING COUNCIL

Ref: American Mobile ARDIS.

Good Morning Steve,

Reference our telephone conversation on 9/23/99 about the SNET (Southern New England Telephone Co.) Tower located at 10 Willard Road Norwalk, CT. The proposed two (2) vertical whip antennas mounted at the top of the tower and two (2) 5/8" transmission lines would not create a structural problem for this tower.

I spoke to Mr. Demirtas C. Bayar, P.E. this morning at 11:30 am. Reference the addition of these antennas and lines on this tower. Mr. Bayar agrees that they will not cause any problems with the structure. Mr. Bayar knows this tower and has done many structural analyses on it in the pass.

B.E. Engineering, PC.

Mr. Demirtas C. Bayar, P.E. --Tele# 914-921-4067—Fax.# 914-967-2147.
P.O. Box 1267
Portchester, NY. 10573

The next system proposed for this tower, ATT Wireless, will require some structural changes to the tower or removal of the Microwave horns and dishes. This system has not been approved for construction by ATT Wireless yet or submitted to the siting council.

Sincerely,

Donald R. Wilson
Field Engineer

RCC Consultants, Inc.

100 Woodbridge Center Drive • Suite 201 • Woodbridge, New Jersey 07095-1125 • tel (732) 404-2400 • fax (732)-404-2556