

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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

December 13, 1999

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

RE: EM-SNET-103-991110 - 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 December 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 November 4, 1999, and in additional information dated November 23, 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,

A handwritten signature in black ink, appearing to read 'Mortimer A. Gelston'.

Mortimer A. Gelston
Chairman

MAG/SLL/sll

cc: Honorable Frank J. Esposito, Mayor, City of Norwalk
Paul A. Spurlock, AT&T Wireless Services, Inc.
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. Ibo Pagenet, Inc.



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

November 17, 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-103-991110 - 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 for tower sharing, pursuant to Connecticut General Statutes § 16-50aa.

The Council will consider this item at the next meeting scheduled for Wednesday, December 8, 1999, at 1:30 p.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 "Joel M. Rinebold".

Joel M. Rinebold
Executive Director

JMR/jlh

Enclosure: Notice of Tower Sharing

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

November 4, 1999

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

RECEIVED

NOV 10 1999

CONNECTICUT
SITING COUNCIL

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) at 10 Willard Road in Norwalk, Connecticut.

The proposed modification can be generally described as the addition of twelve (12) antenna units and associated radio equipment for AT&T Wireless PCS LLC. 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 equipment cabinets located 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 Project 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

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 twelve (12) antennas, 6 receive and 6 transmit, and associated equipment. These antennas and associated equipment will be owned, operated and maintained by AT&T Wireless PCS LLC. The associated communications hardware will be located in equipment cabinets located at the base of the tower. AT&T Wireless PCS LLC will remove the four (4) unused SNET Microwave Antennas off of the top 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

AT&T Wireless PCS LLC. Proposes to install six (6) transmit antennas and six (6) receive antennas. The highest point of each antenna, at the tip, will be 229.5 feet above grade level. The lowest point 225 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 wide band PCS service in the Norwalk area. The make and model number of the antennas will be Allgon Model 7184. Frequencies used will be in the PCS 1900 MHz. "E" Band. AT&T Wireless PCS LLC will remove the four (4) existing (2 Microwave Horn antennas and 2 twelve foot dishes) SNET Microwave antennas off of the top this tower and remove them from the 10 Willard Road site.

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	0.0030	262	1.0	0.303%
AT&T Wireless PCS (Proposed)	0.00287	225	1.0	0.287%
TOTALS, ALL USERS	0.18344	N/A	N/A	<u>14.05%</u>

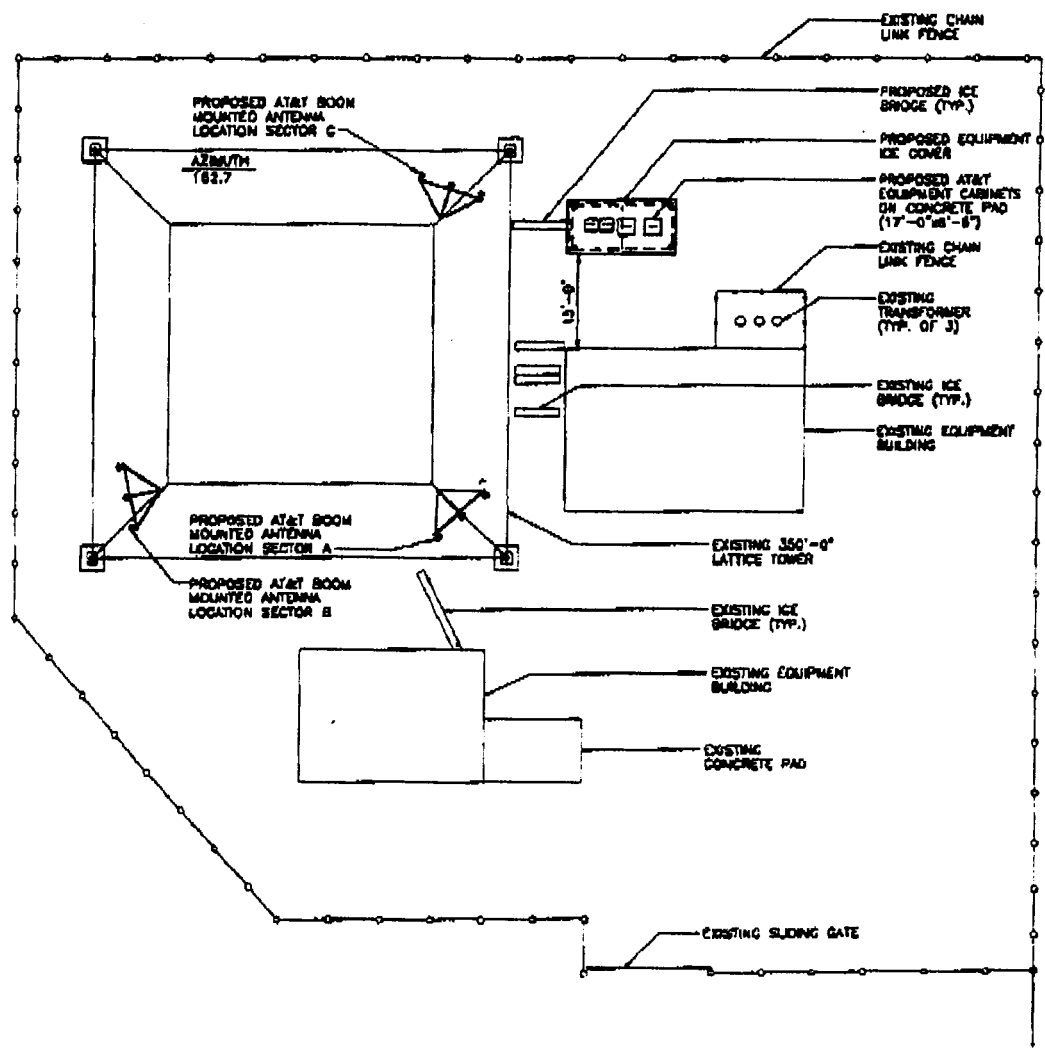
The current Connecticut (and IEEE/ANSI) power density level standards for non-ionizing radiation are shown above. The levels identified in this case are below the maximum permissible casual exposure standard, and have been calculated at the tower base, and this represents the maximum exposure for the operation of these facilities at the closest (or any) publicly accessible point. At this site, the tower base and the fence are close enough to consider the exposure the same at the property boundary and the tower base. A ground reflection coefficient of 1.6 was used..

The installation of these twelve (12) antenna units on this 373 foot structure does not present any structural issues. Mr. Demirtas C. Bayar, P.E. of B E Bayar Engineering, P.C. (Structural Engineers) has been contacted in reference to the placement of this antenna system and removal of the old Microwave antennas.

Conclusion

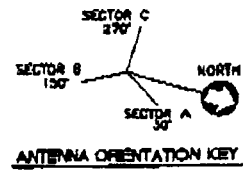
The proposed additions do not constitute a "modification" of an existing facility as defined in the Connecticut General Statutes Section 16-50i(d). There will be no change to the tower height or extension of the boundaries of the site. There will be no increase in noise levels at the site's boundary by six (6) decibels or more and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This addition will not have a substantially adverse environment effect.

For these reasons, SNET requests that the Council acknowledges that this Notice of Modification meets the Council's exemption criteria.



APPROXIMATE AREA OF LEASED SPACE
145 Sq. Ft.

1 COMPOUND PLAN
L-1 SCALE: 1" = 30'-0"



SITE ID NO:
CT-017

Designed by:

Drawn by: JCF

Checked by:

**MSB Greiner Woodward Clyde
A-63**

500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(800)-529-8882

AT&T WIRELESS PCS, INC.
UNMANNED WIRELESS COMMUNICATION EQUIPMENT SITE

SITE ADDRESS:
**SNET TOWER
EAST NORWALK
NORWALK, CT**

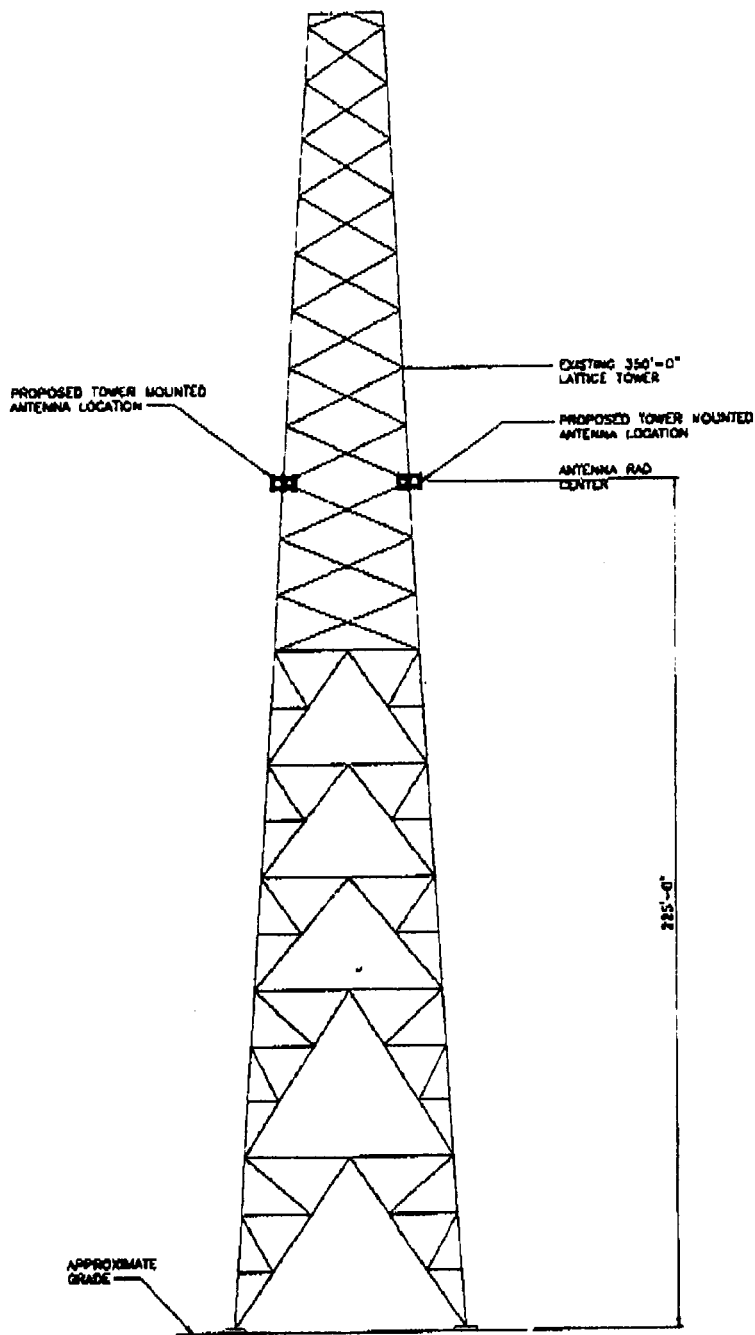
REV.	DATE	DESCRIPTION

Scale: AS SHOWN Ref: 08-30-98

Job No. F301824.40 File No. L-1

Draw. No.
L-1

Org. 1 of 2



1 TOWER ELEVATION
L-2 SCALE 1" = 30'-0"



SITE ID NO:
CT-017

Designed by:

Drawn by: JCF

Checked by:

**SES Greiner Woodard Clyde
A-E-C**

500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT

1-(800)-578-0882

AT&T WIRELESS PCS, INC.
UNMANNED WIRELESS COMMUNICATION EQUIPMENT SITE

SITE ADDRESS:

SNET TOWER
EAST NORWALK
NORWALK CT

REV.	DATE	DESCRIPTION

Scale AS SHOWN

Date 08-30-99

Job No. F301824.40

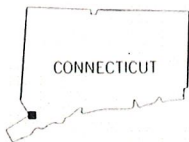
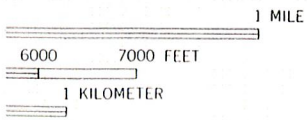
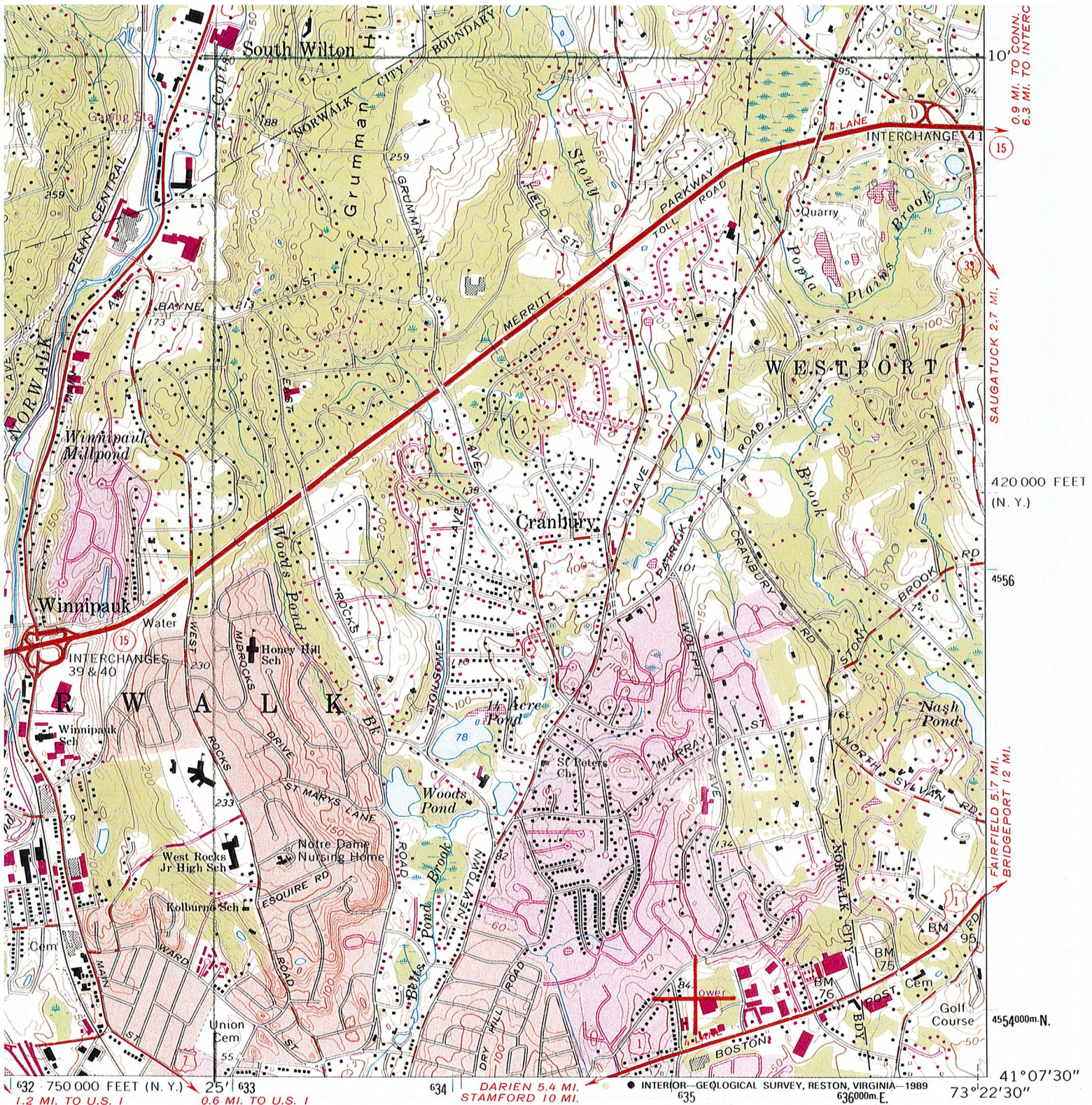
File No. L-2

Dep. No.

L-2

Dep. 2 of 2





QUADRANGLE LOCATION

ROAD CLASSIFICATION

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

NORWALK NORTH, CONN.—N. Y.

DARDS

22092
ABLE ON REQUEST

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 6366 III SE



SNET TOWER
10 Willard Rd.
Norwalk, CT.