

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

In Re:

APPLICATION OF SBA TOWERS III (SBA)  
AND NEW CINGULAR WIRELESS PCS, LLC  
(AT&T) FOR A CERTIFICATE OF  
ENVIRONMENTAL COMPATIBILITY AND  
PUBLIC NEED FOR THE CONSTRUCTION,  
MAINTENANCE AND OPERATION OF A  
TELECOMMUNICATIONS TOWER FACILITY  
AT WEWAKA BROOK ROAD IN THE TOWN  
OF BRIDGEWATER

DOCKET NO. 412

September 6, 2011

SBA TOWERS III ("SBA") AND NEW CINGULAR WIRELESS PCS, LLC ("AT&T")  
RESPONSES TO SITING COUNCIL INTERROGATORIES  
SET II

Q1. Provide the status of the Second Hill Road, Bridgewater tower proposal. Does New Cingular Wireless PCS, LLC (AT&T) plan to submit an application for that tower to the Connecticut Siting Council (Council) in the future? Approximately when would that be filed? If this application will not go forward, is AT&T considering other means to cover northern Bridgewater? Explain.

A1. AT&T has not submitted an application for the Second Hill Road site but maintains a lease option for a facility at that location. No date for a submission is planned and would not occur until 2012 at the earliest as AT&T has not budgeted the site for submission to the Siting Council. AT&T is not considering other means to cover northern Bridgewater at this time.

Q2. Provide existing and proposed coverage maps (neglecting the Second Hill Road site) for the tower at Wewaka Brook Road based on the proposed height, and 10 feet shorter, and 20 feet shorter. These should be a "zoomed in" version of what was already submitted, i.e. the maps should only cover areas in the close vicinity of the Wewaka Brook Road site.

A2. The requested plots are included as Attachment 1.

Q3. Comment on the differences in coverage between the proposed height, ten feet shorter, and 20 feet shorter. Explain the tradeoffs, if any, with the lower heights.

A3. A facility with antennas located at centerline 157' AGL would provide less reliable coverage in the target area. Gaps in reliable coverage would develop along State Route 133 (Main Street) as well as along surrounding secondary roads including Wewaka Brook Road and Beach Hill Road. At 147' these coverage gaps are even more significant. Similarly, the area

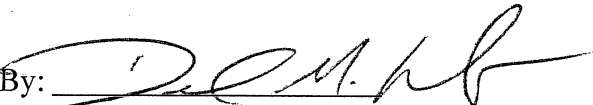
with reliable coverage to the west of State Route 133 also decreases noticeably at these lower heights.

Q4. Could the 24 Dinglebrook Lane site provide adequate coverage to the target area at Wewaka Brook Road? Explain.

A4. No. A coverage map at the same scale as the coverage maps in the application and another coverage map “zoomed in” to show detail are included as Attachment 2. These coverage maps depict coverage with the 24 Dinglebrook Lane site (identified as “SR1860” on the coverage map) raised to 250 feet along with existing and future coverage (including SR1252). Even at this extended height, which at a minimum would require lighting for air navigation purposes, coverage would still not be continuous along Route 133 and compared to the proposed facility significant coverage is lost on secondary roads to the east and northeast of the proposed site (this includes Wewaka Brook Road, Ridgewood Drive, Anderson Lane).

Dated: September 6, 2011

SBA Towers III and  
New Cingular Wireless PCS, LLC  
Applicants

By: 

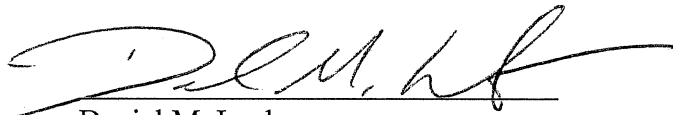
Daniel M. Laub  
Cuddy & Feder LLP  
445 Hamilton Avenue, 14<sup>th</sup> Floor  
White Plains, New York 10601  
(914) 761-1300 Phone  
(914) 761-6405 Fax

CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and twenty copies of the foregoing were sent to the Connecticut Siting Council electronically and by overnight delivery with copy to:

Town of Bridgewater  
Represented by:  
Keith R. Ainsworth, Esq.  
Evans, Feldman & Ainsworth, LLC  
261 Bradley Street  
P.O. Box 1694  
New Haven, CT 06510  
krainsworth@snet.net






Dated: September 6, 2011



Daniel M. Laub  
Cuddy & Feder LLP  
445 Hamilton Avenue, 14<sup>th</sup> Floor  
White Plains, New York 10601  
(914) 761-1300 Phone  
(914) 761-6405 Fax


## Attachment 1

**Symbol Key**



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

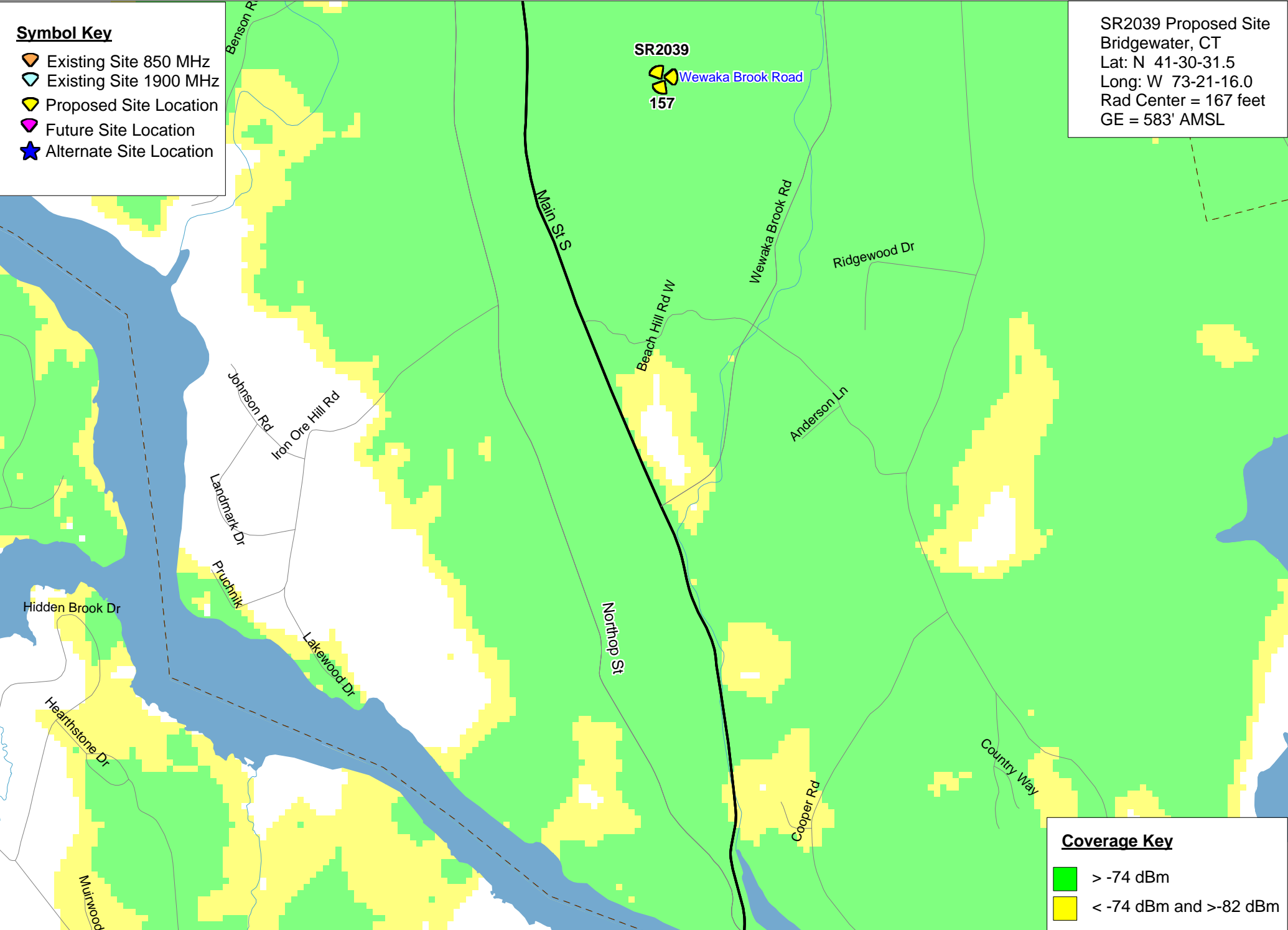
SR2039 Proposed Site  
 Bridgewater, CT  
 Lat: N 41-30-31.5  
 Long: W 73-21-16.0  
 Rad Center = 167 feet  
 GE = 583' AMSL

SR2039

 Wewaka Brook Road  
 157

**Coverage Key**

-  > -74 dBm
-  < -74 dBm and > -82 dBm



Existing and Proposed  
 at 167 feet AGL

**Bridgewater South**






**Wewaka Brook Road  
 Bridgewater CT 06752**




PREPARED ON  
 DATE: 09/02/2011

REV 0



**Symbol Key**

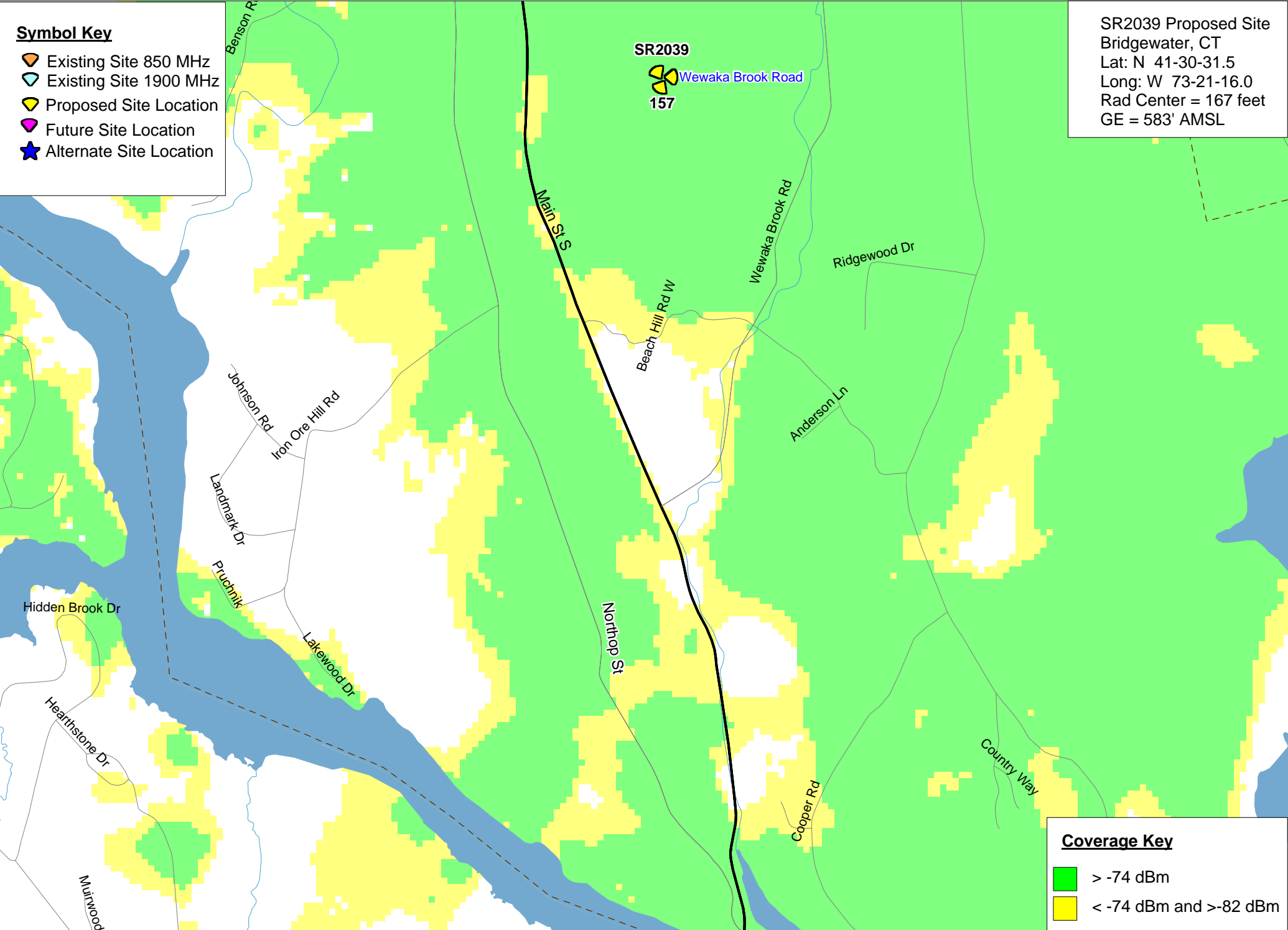
-  Existing Site 850 MHz
-  Existing Site 1900 MHz
-  Proposed Site Location
-  Future Site Location
-  Alternate Site Location

SR2039 Proposed Site  
 Bridgewater, CT  
 Lat: N 41-30-31.5  
 Long: W 73-21-16.0  
 Rad Center = 167 feet  
 GE = 583' AMSL

**SR2039**  
  
 Wewaka Brook Road  
 157

**Coverage Key**

-  > -74 dBm
-  < -74 dBm and >-82 dBm



Existing and Proposed  
 at 157 feet AGL

**Bridgewater South**






**Wewaka Brook Road  
 Bridgewater CT 06752**



PREPARED ON  
 DATE: 09/02/2011

REV 0

**Symbol Key**

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

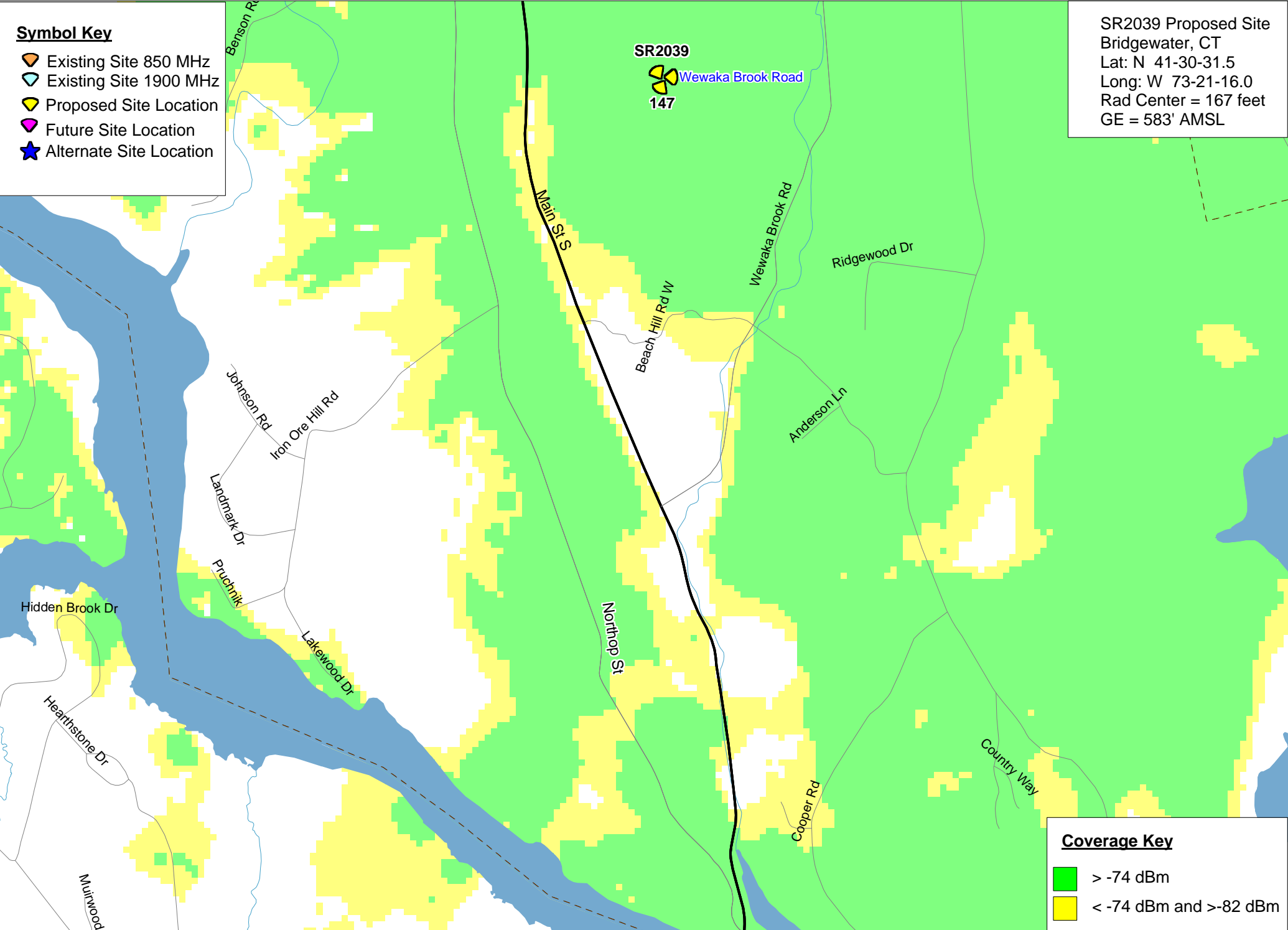
SR2039 Proposed Site  
 Bridgewater, CT  
 Lat: N 41-30-31.5  
 Long: W 73-21-16.0  
 Rad Center = 167 feet  
 GE = 583' AMSL

**SR2039**





Wewaka Brook Road

147



**Coverage Key**

-  > -74 dBm
-  < -74 dBm and > -82 dBm

Existing and Proposed  
 at 147 feet AGL

**Bridgewater South**

**Wewaka Brook Road  
 Bridgewater CT 06752**








PREPARED ON  
 DATE: 09/02/2011

REV 0

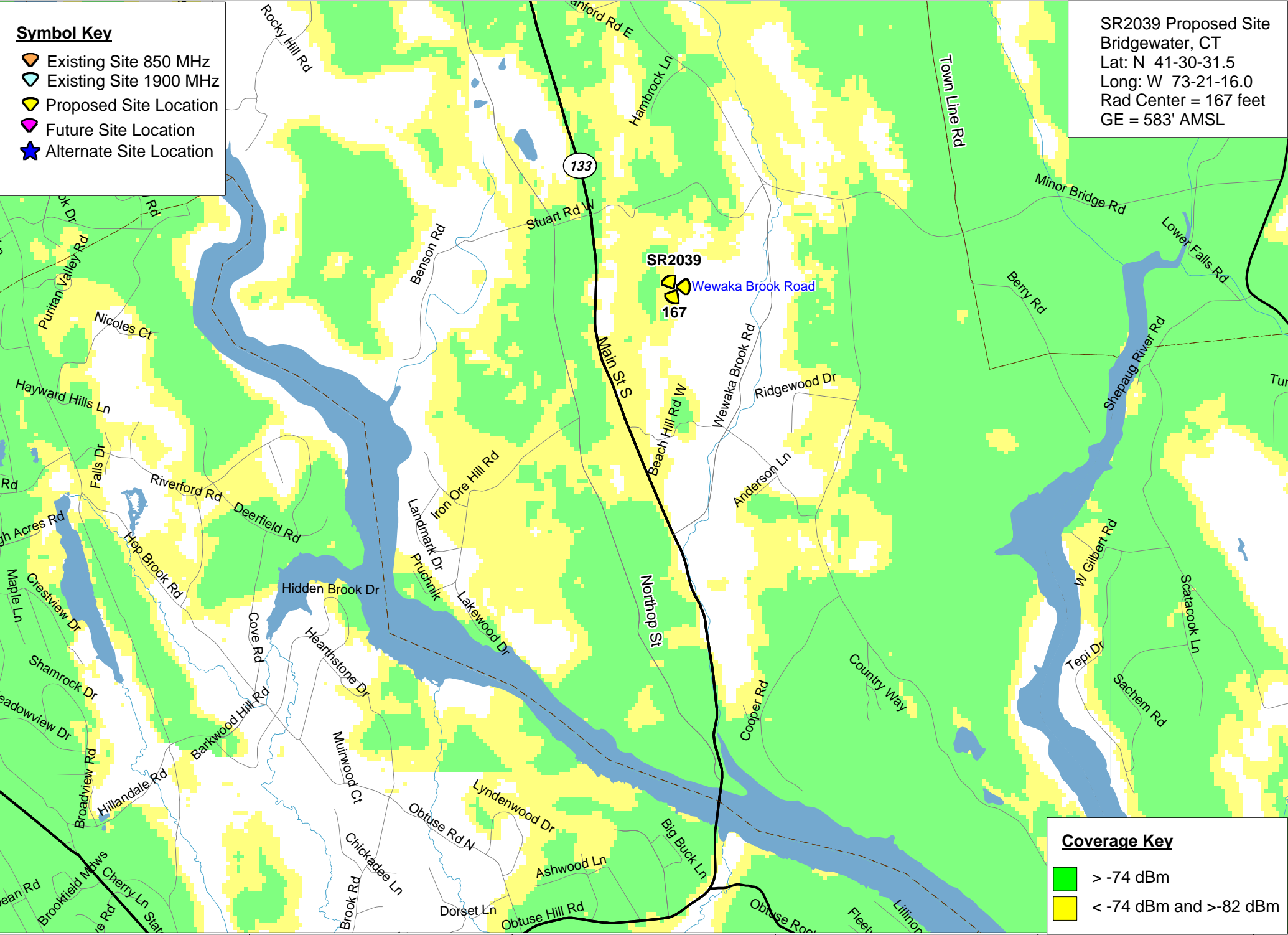
## Attachment 2





**Symbol Key**

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

SR2039 Proposed Site  
 Bridgewater, CT  
 Lat: N 41-30-31.5  
 Long: W 73-21-16.0  
 Rad Center = 167 feet  
 GE = 583' AMSL



**Coverage Key**

-  > -74 dBm
-  < -74 dBm and > -82 dBm

Existing, Future and  
 SR1860 at 250 feet AGL

**Bridgewater South**






**Wewaka Brook Road  
 Bridgewater CT 06752**



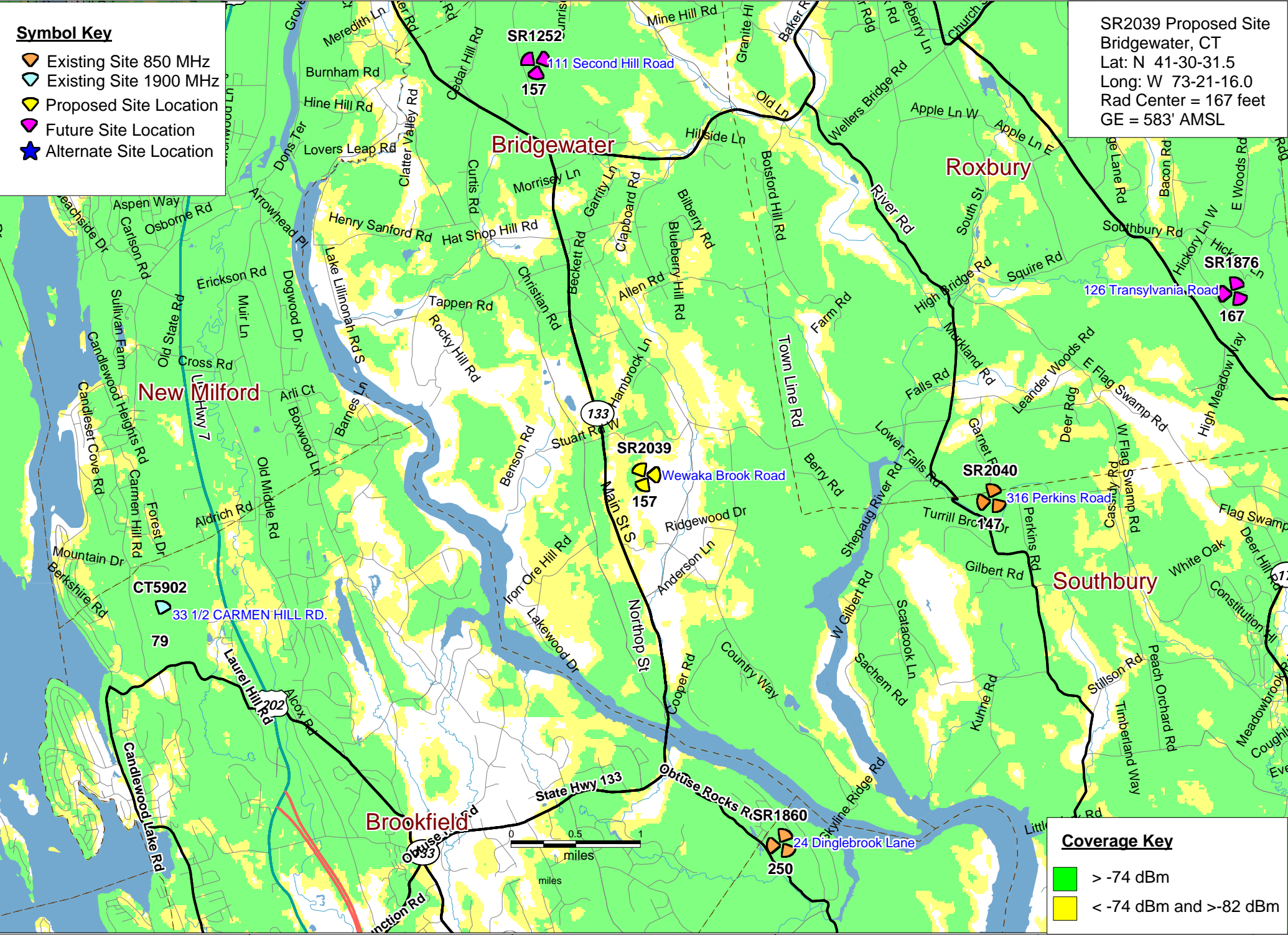
PREPARED ON  
 DATE: 09/02/2011

REV 0



**Symbol Key**

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

SR2039 Proposed Site  
 Bridgewater, CT  
 Lat: N 41-30-31.5  
 Long: W 73-21-16.0  
 Rad Center = 167 feet  
 GE = 583' AMSL



**Coverage Key**

-  > -74 dBm
-  < -74 dBm and > -82 dBm

Existing, Future and  
 SR1860 at 250 feet AGL

**Bridgewater South**

**Wewaka Brook Road  
 Bridgewater CT 06752**



PREPARED ON  
 DATE: 09/02/2011

REV 0