

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF HOMELAND TOWERS, LLC (HT)
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 IN
SALISBURY, CONNECTICUT

DOCKET NO. 452

November 25, 2014

HOMELAND TOWERS, LLC (HT) and NEW CINGULAR WIRELESS, PCS LLC (AT&T)
RESPONSES TO CONNECTICUT SITING COUNCIL PRE-HEARING QUESTIONS SET II

- Q1. In the Applicant's response to question number 12 of the first set of interrogatories, 700 MHz propagation maps depicting the coverage to the water areas of the Twin Lakes were provided. Provide similar propagation maps depicting water coverage for the Twin Lakes for 850 MHz and 1900 MHz or as applicable.
- A1. *Please see the propagation maps provided in Attachment 7.*
- Q2. In the Applicant's response to question number 31 of the first set of interrogatories, the coverage lengths for primary and secondary roads for all three frequency bands were provided based on the proposed tower height and ten feet shorter. Break down these coverage length totals by street names for both main and secondary roads. (It would be similar in format to the breakdowns provided in response to question 26.)
- A2. *The lengths of the existing coverage gaps on major roads and secondary roads are provided in the tables below.*

700 MHz at 146 Feet

Main Roads

Street Name	Length Miles
Canaan Rd	0.71
Under Mountain Rd	1.00

Secondary Roads

Street Name	Length Miles
Taconic Rd	1.52
Twin Lakes Rd	1.40
Between The Lakes Rd	1.06
Washinee Heights Rd	0.61
Logan Rd	0.47
Prospect Mountain Rd	0.46
Deep Woods Rd	0.35
Rocky Ln	0.34
Bunker Hill Rd	0.34
Isola Bella Ln	0.3
Preston Ln	0.25
Williams Rd	0.25
Cedar Crest Rd	0.22
Valley View Ln	0.22
South Shore Rd	0.21
West Shore Rd	0.20
Mount Tom Rd	0.18
Beaver Dam Rd	0.18
State Boat Ramp Access Rd	0.16
Rustic Pl	0.15
Scoville Ore Mine Rd	0.14
Fernwood Ln	0.11
Bloomer Ln	0.09
Windy Hill Rd	0.08
Wildcat Hollow Rd	0.07
Cooper Hill Rd	0.07
Morgan Ln	0.03
Wicks Rd	0.02
Hammertown Rd	0.02
O Hara Ln	0.01

700 MHz at 136 Feet

Main Roads

Street Name	Length miles
Canaan Rd	0.69
Under Mountain Rd	0.84

Secondary Roads

Street Name	Length miles
Bloomer Ln	0.09
Beaver Dam Rd	0.14
Between The Lakes Rd	1.17
Bunker Hill Rd	0.27
Cedar Crest Rd	0.16
Cooper Hill Rd	0.13
Deep Woods Rd	0.27
Fernwood Ln	0.11
Hammertown Rd	0.09
Isola Bella Ln	0.20
Logan Rd	0.32
Morgan Ln	0.03
Mount Tom Rd	0.14
O Hara Ln	0.03
Preston Ln	0.20
Prospect Mountain Rd	0.52
Rocky Ln	0.29
Rustic Pl	0.15
Scoville Ore Mine Rd	0.19
South Shore Rd	0.22
State Boat Ramp Access Rd	0.13
Taconic Rd	1.52
Twin Lakes Rd	1.44
Valley View Ln	0.22
Washinee Heights Rd	0.59
West Shore Rd	0.20
Wicks Rd	0.04
Wildcat Hollow Rd	0.11
Williams Rd	0.26
Windy Hill Rd	0.09

850 MHz at 146 Feet

Main Roads

Street Name	Length miles
Canaan Rd	0.71
Under Mountain Rd	0.87

Secondary Roads

Street Name	Length miles
Beaver Dam Rd	0.14
Between The Lakes Rd	1.19
Bloomer Ln	0.09
Bunker Hill Rd	0.23
Cedar Crest Rd	0.12
Cooper Hill Rd	0.11
Deep Woods Rd	0.28
Fernwood Ln	0.11
Hammertown Rd	0.08
Isola Bella Ln	0.18
Logan Rd	0.25
Morgan Ln	0.02
Mount Tom Rd	0.14
O Hara Ln	0.03
Preston Ln	0.19
Prospect Mountain Rd	0.52
Rocky Ln	0.25
Rustic Pl	0.15
Scoville Ore Mine Rd	0.18
South Shore Rd	0.31
State Boat Ramp Access Rd	0.10
Taconic Rd	1.51
Twin Lakes Rd	1.28
Upper Cobble Rd	0.02
Valley View Ln	0.22
Washinee Heights Rd	0.54
West Shore Rd	0.17
Wicks Rd	0.03
Wildcat Hollow Rd	0.11
Williams Rd	0.26
Windy Hill Rd	0.07

850 MHz at 136 Feet

Main Roads

StreetName	Length miles
Canaan Rd	0.67
Under Mountain Rd	0.80

Secondary Roads

StreetName	Length miles
Beaver Dam Rd	0.13
Between The Lakes Rd	1.13
Bloomer Ln	0.09
Bunker Hill Rd	0.23
Cedar Crest Rd	0.11
Cooper Hill Rd	0.11
Deep Woods Rd	0.25
Fernwood Ln	0.11
Hammertown Rd	0.06
Isola Bella Ln	0.18
Logan Rd	0.24
Morgan Ln	0.02
Mount Tom Rd	0.14
O Hara Ln	0.02
Preston Ln	0.19
Prospect Mountain Rd	0.52
Rocky Ln	0.24
Rustic Pl	0.15
Scoville Ore Mine Rd	0.17
South Shore Rd	0.21
State Boat Ramp Access Rd	0.08
Taconic Rd	1.48
Twin Lakes Rd	1.25
Valley View Ln	0.22
Washinee Heights Rd	0.50
West Shore Rd	0.17
Wicks Rd	0.04
Wildcat Hollow Rd	0.10
Williams Rd	0.25
Windy Hill Rd	0.06

1900 MHz at 146 Feet

Main Roads

Street Name	Length miles
Canaan Rd	0.61
Under Mountain Rd	0.54

Secondary Roads

Street Name	Length miles
Between The Lakes Rd	0.99
Taconic Rd	0.69
Twin Lakes Rd	0.67
Washinee Heights Rd	0.27
Williams Rd	0.26
Prospect Mountain Rd	0.25
Valley View Ln	0.2
South Shore Rd	0.19
West Shore Rd	0.16
Isola Bella Ln	0.16
Deep Woods Rd	0.15
Rocky Ln	0.13
Mount Tom Rd	0.12
Fernwood Ln	0.1
Rustic Pl	0.08
Bloomer Ln	0.07
Logan Rd	0.06
Cedar Crest Rd	0.05
State Boat Ramp Access Rd	0.04
Beaver Dam Rd	0.04
Wildcat Hollow Rd	0.02
Morgan Ln	0.02

1900 MHz at 136 Feet

Main Roads

Street Name	Length miles
Canaan Rd	0.61
Under Mountain Rd	0.44

Secondary Roads

Street Name	Length miles
Bloomer Ln	0.03
Fernwood Ln	0.11
West Shore Rd	0.12
Washinee Heights Rd	0.01
Bunker Hill Rd	0.04
Weatogue Rd	0.00
Preston Ln	0.06
Hammertown Rd	0.01
Scoville Ore Mine Rd	0.01
Washinee Heights Rd	0.06
Wicks Rd	0.02
Beaver Dam Rd	0.06
Cedar Crest Rd	0.05
Washinee Heights Rd	0.14
South Shore Rd	0.10
Bunker Hill Rd	0.01
Twin Lakes Rd	0.15
Sand No 2 Rd	0.00
Taconic Rd	0.84
Rustic Pl	0.10
Morgan Ln	0.03
Deep Woods Rd	0.06
Williams Rd	0.03
Mount Tom Rd	0.11
Prospect Mountain Rd	0.27
Scoville Ore Mine Rd	0.00
Twin Lakes Rd	0.59
Between The Lakes Rd	0.12
State Boat Ramp Access Rd	0.05
Williams Rd	0.18
Between The Lakes Rd	0.83
Valley View Ln	0.20
Beaver Dam Rd	0.03


Street Name	Length miles
Wildcat Hollow Rd	0.01
Isola Bella Ln	0.15
Logan Rd	0.04
Rocky Ln	0.13

CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and fifteen copies of the foregoing was sent electronically and by overnight mail to the Connecticut Siting Council and to:

Town of Salisbury
Curtis Rand, First Selectman
Jim Dresser, Selectman
Katherine Kiefer, Selectman
P.O. Box 548
Salisbury, CT 06068
860-435-5170
crand@salisburyct.us
jdresser@salisburyct.us
kkiefer@salisburyct.us

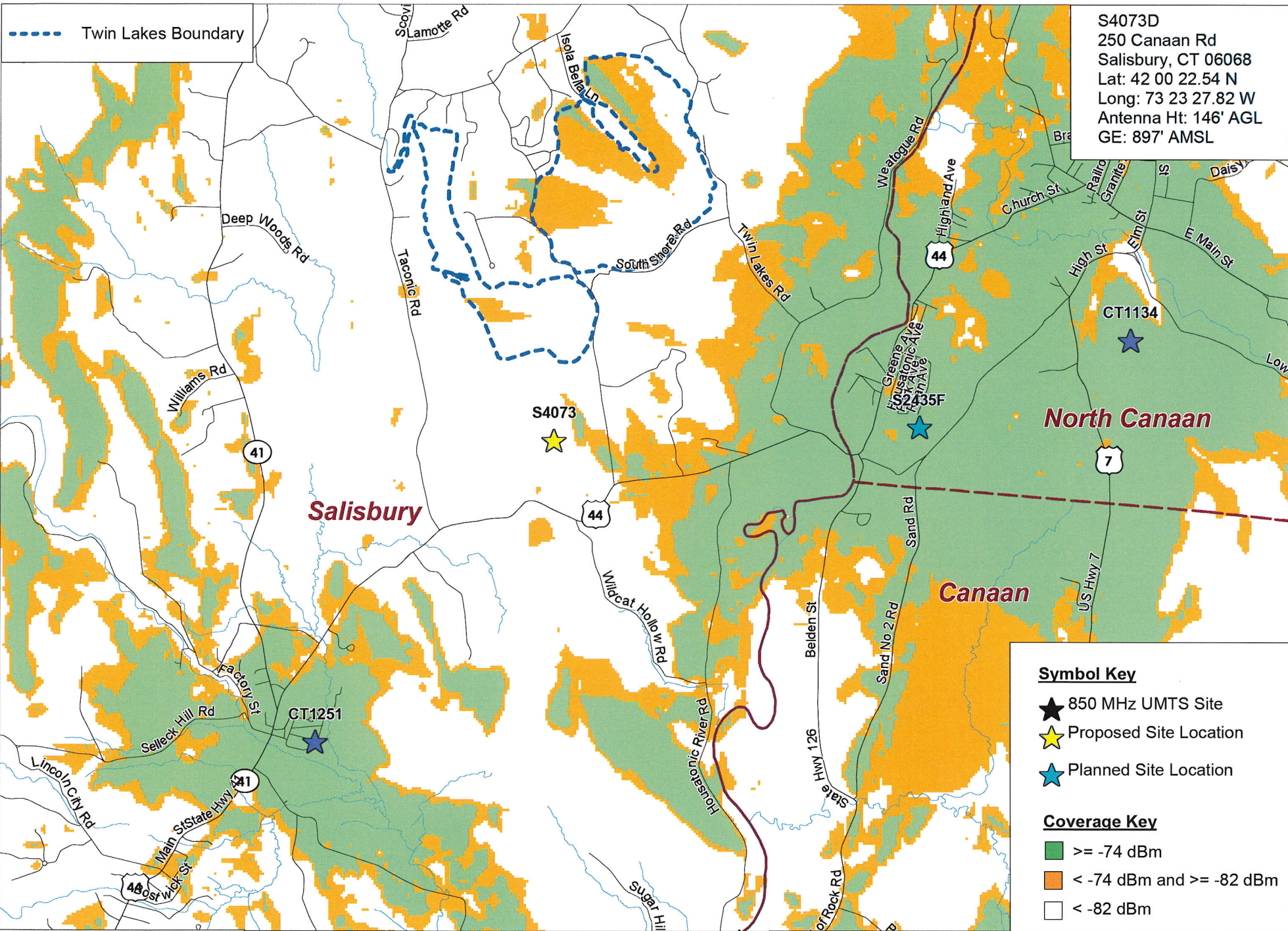
Dated: November 25, 2014



Lucia Chiochio

cc: Ray Vergati, Homeland Towers
Michele Briggs, AT&T
Christopher B. Fisher, Esq.

ATTACHMENT 7



S4073D
 250 Canaan Rd
 Salisbury, CT 06068
 Lat: 42 00 22.54 N
 Long: 73 23 27.82 W
 Antenna Ht: 146' AGL
 GE: 897' AMSL

Symbol Key

- ★ 850 MHz UMTS Site
- ★ Proposed Site Location
- ★ Planned Site Location

Coverage Key

- ≥ -74 dBm
- < -74 dBm and ≥ -82 dBm
- < -82 dBm

Existing Coverage
 850 MHz UMTS

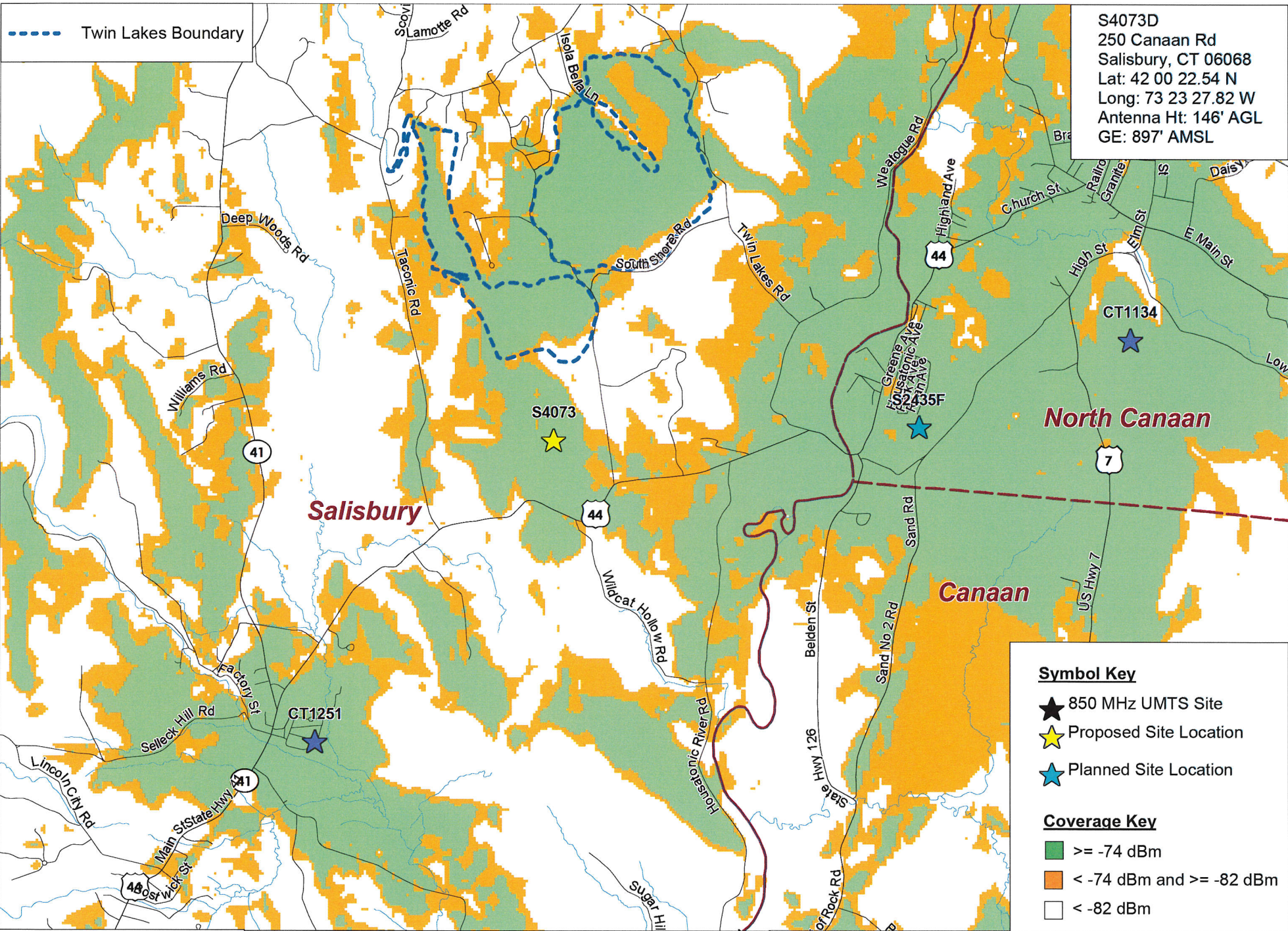
Salisbury

250 Canaan Rd
 Salisbury, CT 06068



PREPARED ON
 DATE: 11/24/2014

REV 0



S4073D
 250 Canaan Rd
 Salisbury, CT 06068
 Lat: 42 00 22.54 N
 Long: 73 23 27.82 W
 Antenna Ht: 146' AGL
 GE: 897' AMSL

Symbol Key

- ★ 850 MHz UMTS Site
- ★ Proposed Site Location
- ★ Planned Site Location

Coverage Key

- ≥ -74 dBm
- < -74 dBm and ≥ -82 dBm
- < -82 dBm

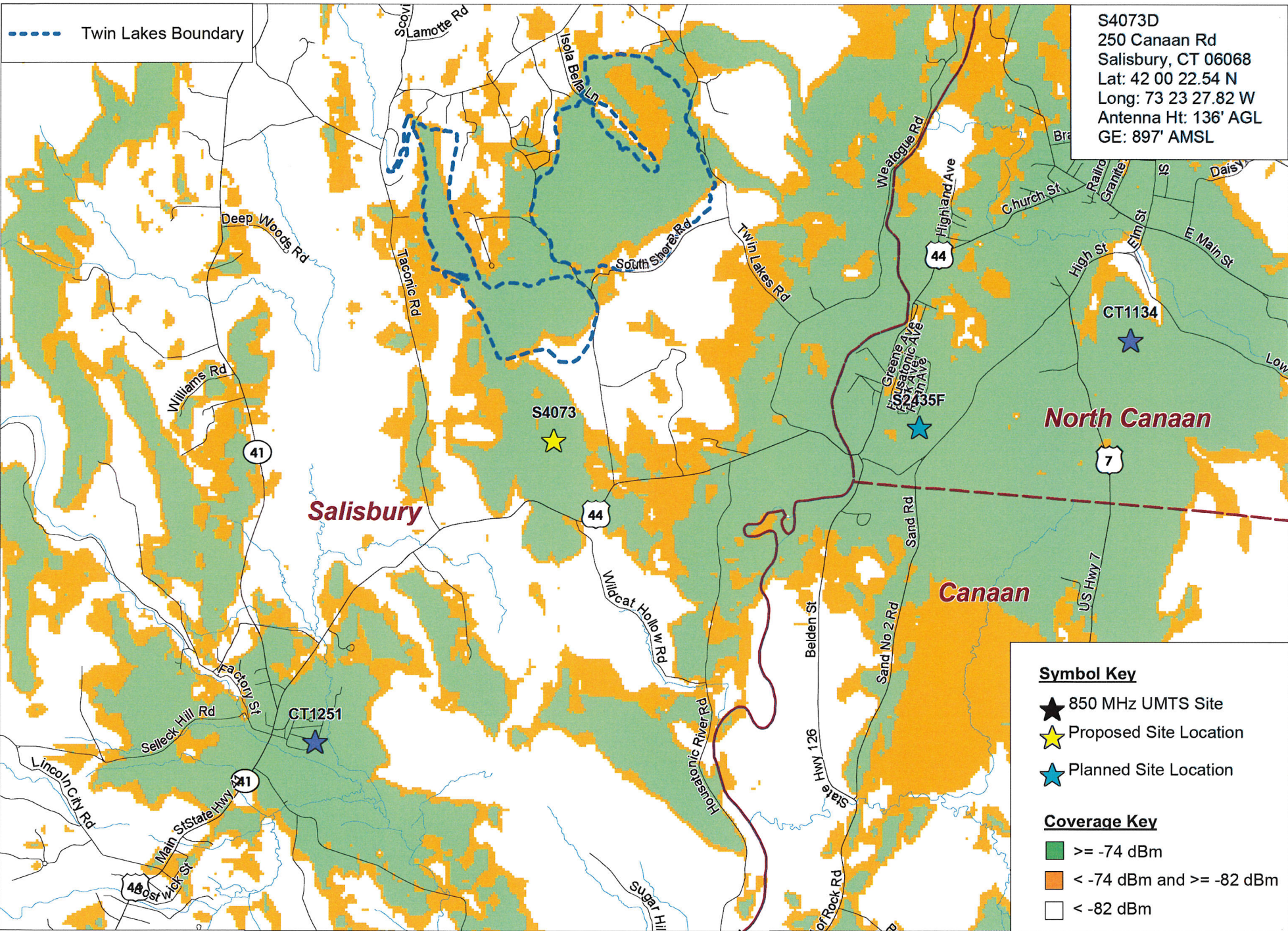
Existing & Proposed @ 146
 Coverage 850 MHz UMTS

Salisbury

250 Canaan Rd
 Salisbury, CT 06068



PREPARED ON	REV
DATE: 11/24/2014	0



S4073D
 250 Canaan Rd
 Salisbury, CT 06068
 Lat: 42 00 22.54 N
 Long: 73 23 27.82 W
 Antenna Ht: 136' AGL
 GE: 897' AMSL

Symbol Key

- ★ 850 MHz UMTS Site
- ★ Proposed Site Location
- ★ Planned Site Location

Coverage Key

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

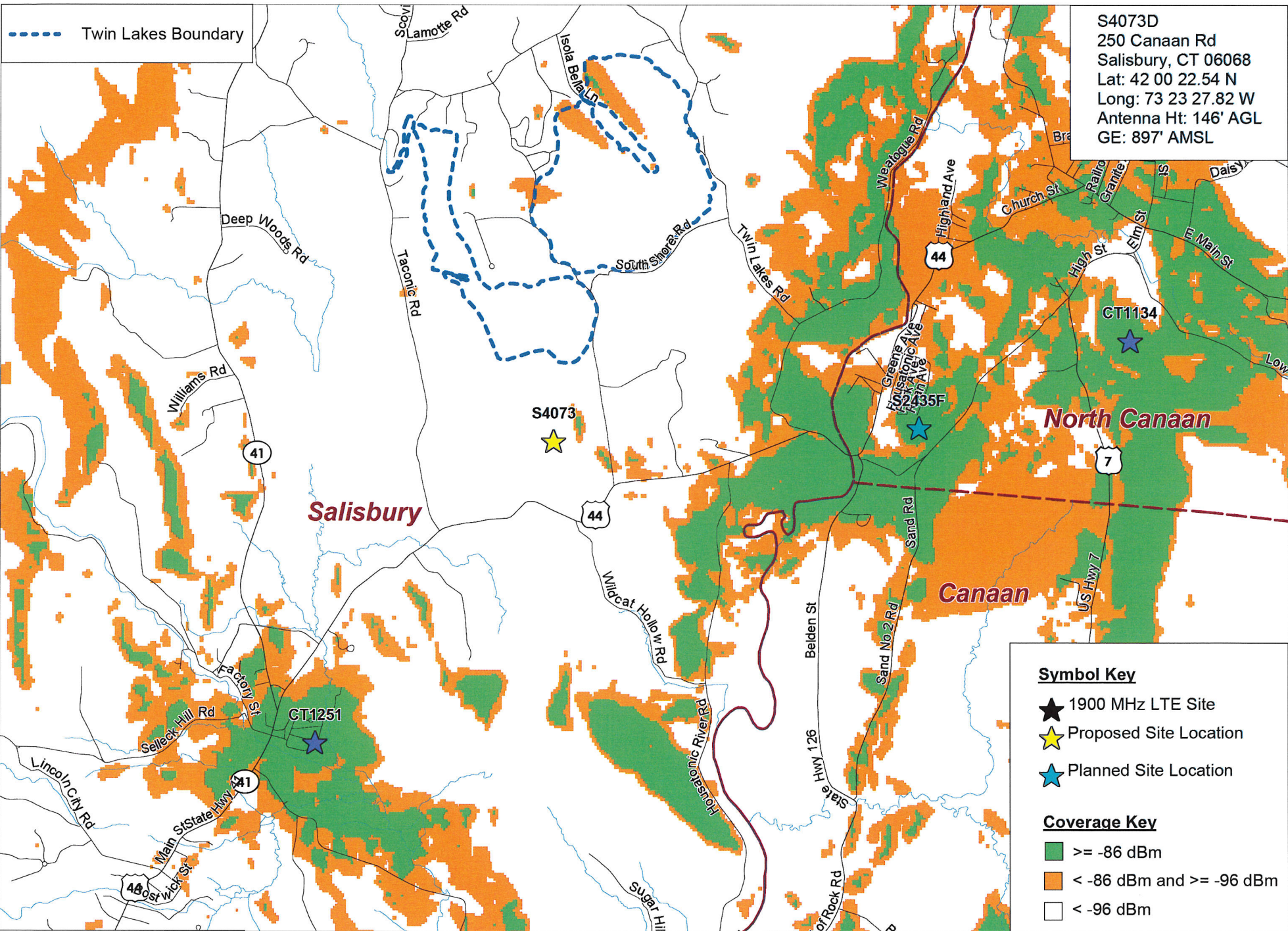
Existing & Proposed @ 136
 Coverage 850 MHz UMTS

Salisbury

250 Canaan Rd
 Salisbury, CT 06068



PREPARED ON	REV
DATE: 11/24/2014	0



S4073D
 250 Canaan Rd
 Salisbury, CT 06068
 Lat: 42 00 22.54 N
 Long: 73 23 27.82 W
 Antenna Ht: 146' AGL
 GE: 897' AMSL

Symbol Key

- ★ 1900 MHz LTE Site
- ★ Proposed Site Location
- ★ Planned Site Location

Coverage Key

- >= -86 dBm
- < -86 dBm and >= -96 dBm
- < -96 dBm

Existing Coverage
 1900 MHz LTE

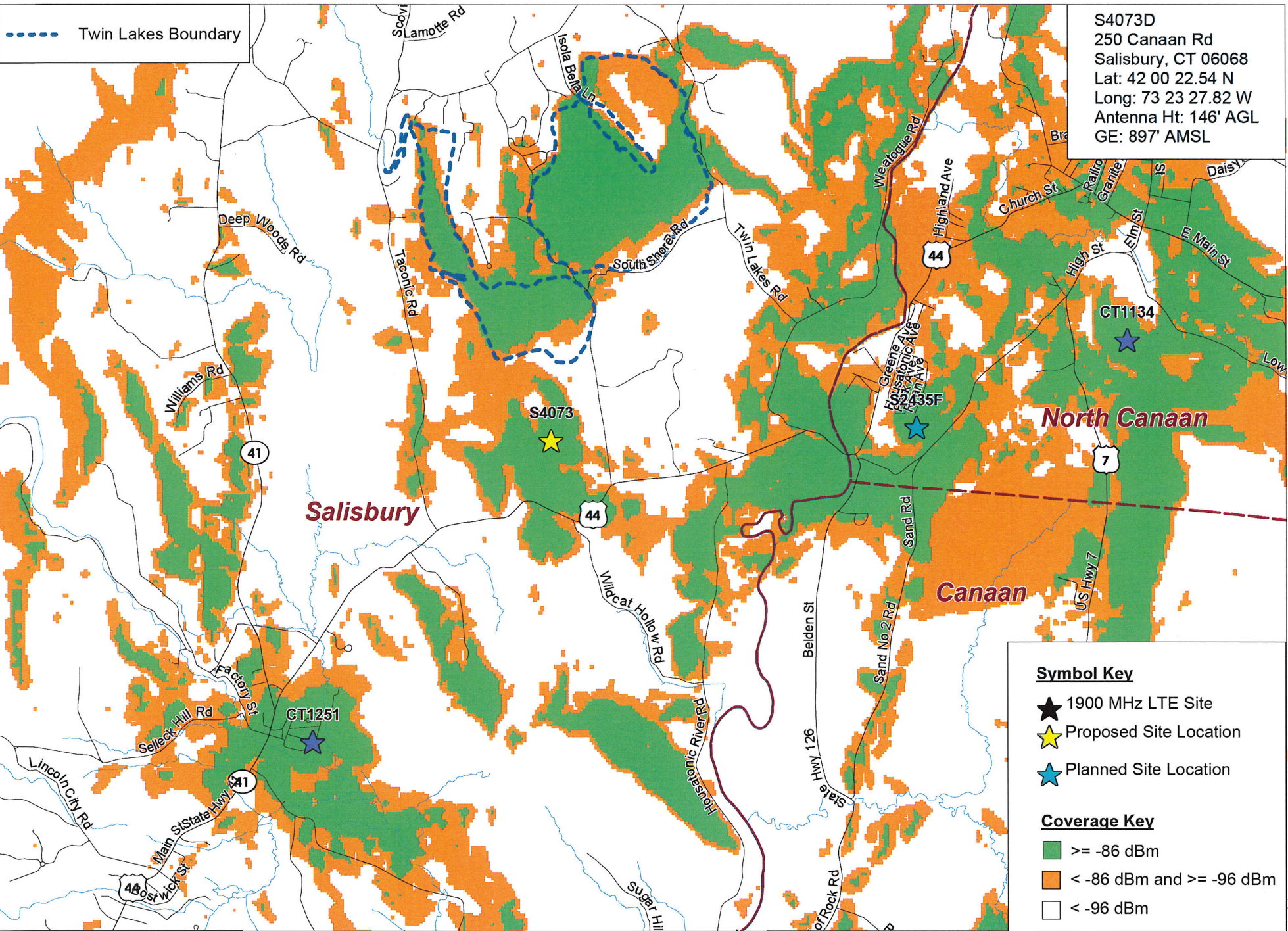
Salisbury

250 Canaan Rd
 Salisbury, CT 06068



PREPARED ON
 DATE: 11/24/2014

REV
 0



S4073D
 250 Canaan Rd
 Salisbury, CT 06068
 Lat: 42 00 22.54 N
 Long: 73 23 27.82 W
 Antenna Ht: 146' AGL
 GE: 897' AMSL

Symbol Key

- ★ 1900 MHz LTE Site
- ★ Proposed Site Location
- ★ Planned Site Location

Coverage Key

- ≥ -86 dBm
- < -86 dBm and ≥ -96 dBm
- < -96 dBm

Existing 1900 MHz LTE Coverage with Proposed Site at 146' AGL

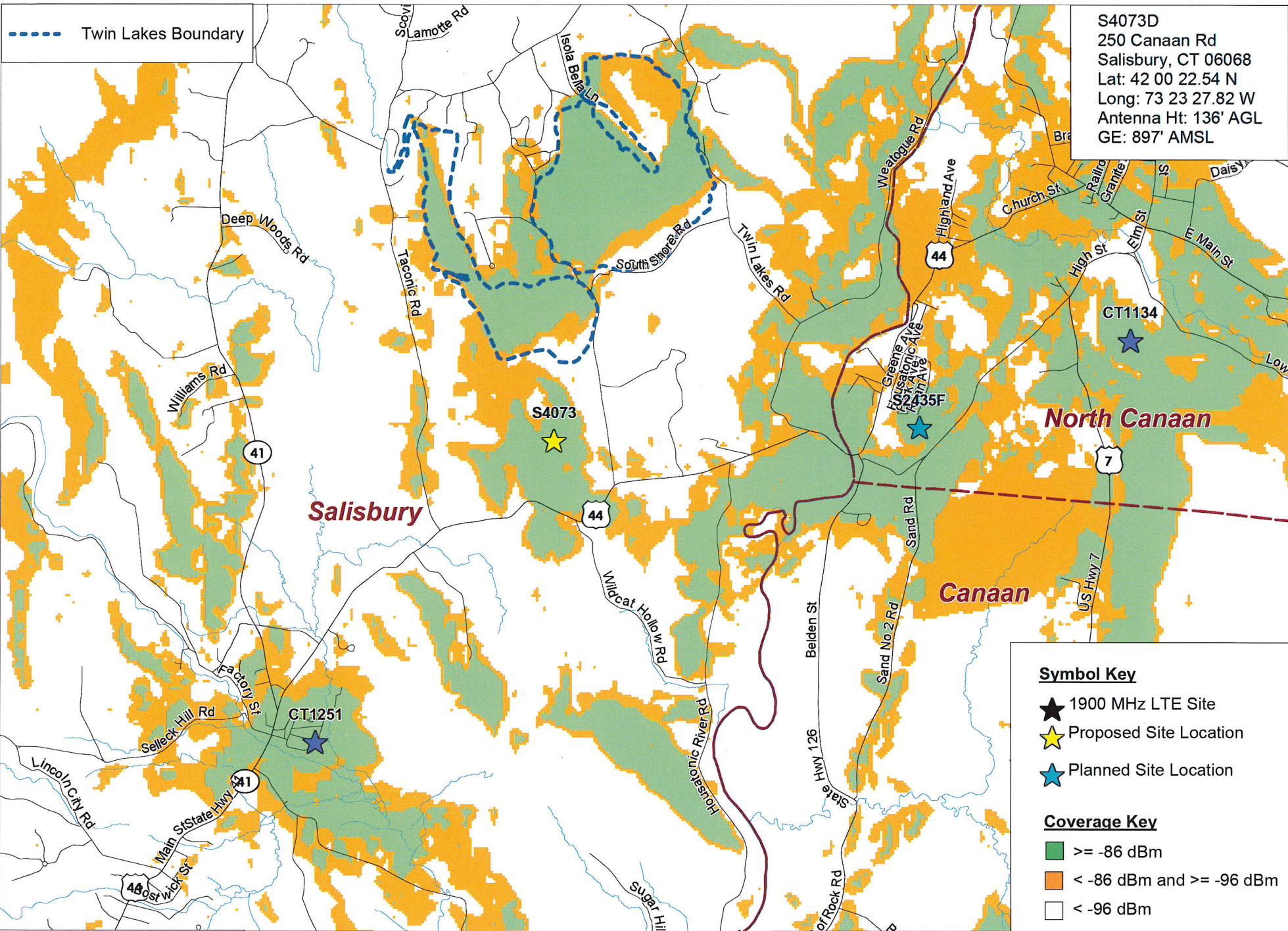
Salisbury

250 Canaan Rd
 Salisbury, CT 06068



PREPARED ON
 DATE: 11/24/2014

REV 0



S4073D
 250 Canaan Rd
 Salisbury, CT 06068
 Lat: 42 00 22.54 N
 Long: 73 23 27.82 W
 Antenna Ht: 136' AGL
 GE: 897' AMSL

Symbol Key

- ★ 1900 MHz LTE Site
- ★ Proposed Site Location
- ★ Planned Site Location

Coverage Key

- ≥ -86 dBm
- < -86 dBm and ≥ -96 dBm
- < -96 dBm

Existing 1900 MHz LTE
 Coverage with Proposed Site
 at 136' AGL

Salisbury

250 Canaan Rd
 Salisbury, CT 06068



PREPARED ON
 DATE: 11/24/2014

REV
 0