STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF OPTASITE TOWERS LLC AND OMNIPOINT COMMUNICATIONS, INC. FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE AND OPERATION OF A TELECOMMUNICATIONS FACILITY AT 58 MONTANO ROAD/ 618 NEIPSIC ROAD IN THE TOWN OF GLASTONBURY, CONNECTICUT	DOCKET NO. 359 Date: MAY 6, 2008

INTERROGATORY RESPONSES TO CONNECTICUT SITING COUNCIL FROM CO-APPLICANTS OPTASITE TOWERS LLC AND OMNIPOINT COMMUNICATIONS, INC.

Co-applicants Optasite Towers LLC ("Optasite") and Omnipoint Communications, Inc. ("T-Mobile") submit the following responses to the interrogatories from the Connecticut Siting Council in connection with the above captioned Docket.

Questions for Optasite:

Q1. How many of the return receipts for the notices sent to abutting landowners at each alternate site did Optasite receive? If some return receipts were not received, did Optasite make other attempts to notify the landowners? If yes, explain.

A1. Optasite has received return receipts from all but nine (9) of the abutting landowners to sites A and B. Optasite will send a second mailing, both regular mail and certified, on or before May 9, 2008 to those abutters for whom Optasite has not received return receipts.

Q2. To what engineering standard would the proposed tower be built? What would be the dimensions of the tower (diameter of tower at base; diameter of tower at top)?

A2. ANSI/TIA-222-G, Structural Standards for Steel Antenna Towers and Antenna Supporting Structures (EIA) in accordance with the International Building Code. Based on tower designs for similar towers, the diameter at the top would be approximately 24" and the diameter at the base would be approximately 40".

Q3. Who owns the nearest residence to the proposed facility at Site A?

A3. The owner of the nearest residence to Site A is Edward Bagot Jr., 48 Montano Road.

Q4. What is the distance and direction to the nearest residence from the Site B facility? Who owns this residence?

A4. The nearest residence is 427' to the Northeast and is owned by Louise C. Cote, 471 Wickham Road.

Q5. How many homes are within 1,000 feet of Site A? Of Site B?

A.5 There are 20 homes within 1,000 feet of Site A. There are 19 homes within 1,000 feet of Site B.

Q6. How much cut and fill would be required to develop the proposed site A? Site B?

A6. Site A: 340+/- cubic yards of cut; 40+/- cubic yards of fill

Site B: 700+/- cubic yards of cut; 430+/- cubic yards of fill

Q7. Would any blasting be required to develop Site A? Site B?

A7. Exposed ledge was not visible on the property at either site. The presence of ledge will be confirmed upon completion of a geotechnical investigation. If ledge is encountered at either site, chipping is preferred to blasting.

Q8. Has the Town of Glastonbury expressed any interest in placing antennas on this tower?

A8. Optasite first met with the Town of Glastonbury on October 25, 2007. At that time, Optasite expressed its willingness to permit the Town of Glastonbury to place its emergency services antennas on the proposed Facility (at either site), free of charge. As a follow-up, Optasite contacted the Glastonbury Police Department and Volunteer Fire Department. Copies of that correspondence is attached hereto as Exhibit 1. To date, the Town of Glastonbury has not indicated any interest in locating equipment on the proposed Facility.

Q9. Have any town boards or commissions had any meetings or hearings on these proposed sites? Have any boards or commissions submitted any reports or letters to Optasite regarding its proposal? If so, provide copies of such correspondence.

A9. Optasite was not asked to attend any meetings in front of any town boards or commissions. To the best of the Co-Applicants' knowledge, this Application has not been discussed by any town boards or commissions. Optasite does not have any correspondence from any town boards or commissions.

Q10. Provide a map showing which portion of the Sullivan property is within the AA Residential zoning district and which is within the Rural Residential zone?

A10. See map attached hereto as Exhibit 2.

Q11. How many trees with diameters at breast height of six inches or greater would be taken down to develop Site A? Site B?

A11. Site A: 9

Site B: 53

Q12. How far and in what direction is the nearest wetland to Site A?

A12. There are no wetlands located anywhere on the Site A property or in the vicinity. There are wetlands located approximately 290 feet to the northeast on the Site B property.

Q13. Which party originally initiated a search for a site in this area, Optasite or T-Mobile?

A13. T-Mobile initiated the site search in this area of Glastonbury.

Q14. When did this site search begin? Where was the site search centered? What was the extent of the search ring? Provide a map, with scale and compass, of search ring.

A14. The site search in this area of Glastonbury began in August, 2005 and was centered near the 58 Montano Road (Site A) property. See search ring map attached hereto as Exhibit 3.

Questions for T-Mobile:

Q15. What would T-Mobile use for back up power?

A15. T-Mobile will deploy a battery back up power source.

Q16. What are T-Mobile's licensed operating frequencies?

A16. T-Mobile's licensed operating frequencies for the Hartford BTA are:

GSM Transmit: 1935 to 1945 MHz
GSM Receive: 1855 to 1865 MHz

UMTS Transmit 1: 2140 to 2145 MHz
UMTS Receive 1: 1740 to 1745 MHz

UMTS Transmit 2: 2110 to 2120 MHz
UMTS Receive 2: 1710 to 1720 MHz

Q17. What is the design signal strength for T-Mobile's system for in-vehicle coverage? For in-building coverage?

A17. T-Mobile's minimum design receive signal level threshold is -84 dBm. This level is the lower limit to where T-Mobile can provide in vehicle coverage to its network users. A more robust signal level is required to provide reliable coverage to subscribers inside building structures. The lower limit for in building design is -76 dBm for average residential and business dwelling environments.

Q18. What is the existing signal strength in the area T-Mobile would serve from this proposed site?

A18. T-Mobile's existing coverage in the area to be covered by the proposed site ranges from -85 to -110 dBm.

Q19. What would be the total area T-Mobile could cover from the proposed site A? From Site B?

A19. The total area T-Mobile would cover from each of the proposed locations is:

Site A: 4.277 sq. miles

Site B: 4.050 sq miles

Q20. What is the length of T-Mobile's coverage gap on Route 2 in the vicinity of the proposed facility?

A20. The length of T-Mobile's coverage gap along Route 2 is approximately 1.2 miles The total area T-Mobile would cover from each of the proposed locations is:

Site A: 4.277 sq. miles

Site B: 4.050 sq. miles

Q21. What is the distance T-Mobile could cover on State Route 2 from Site A? From Site B?

A21. The total linear distance that each of the proposed sites will cover along Route 2 is:

Site A: 3.3 miles

Site B: 2.4 miles

Q22. Identify, by address, sites with which T-Mobile's antennas at the proposed site would hand off signals — include type and height of structure and height of T-Mobile's antennas on structure.

Site ID	Address	Town	Structure Height	T-Mobile Antenna Height	Structure Type
CT11190A	62 Hebron Ave, Bldg#2	Glastonbury	58 Feet AGL	65 Feet AGL	Rooftop
CT11786D	2557 Main Street	Glastonbury	130 Feet AGL	93 Feet AGL	Self Support Tower
CT11189E	115 Birch Mountain Road	Glastonbury	200 Feet AGL	177 Feet AGL	Self Support Tower
CT11248A	366 South Three Mile Road	Glastonbury	150 Feet AGL	116 Feet AGL	Monopole
CT11058C	699 Old Main Street	Rocky Hill	150 Feet AGL	147 Feet AGL	Monopole
CT11172B	100 Executive Square	Wethersfield	110 Feet AGL	122 Feet AGL	Rooftop
CT11060D	100 Great Meadow Road	Wethersfield	90 Feet AGL	111 Feet AGL	Rooftop
CT11186A	1441 Forbes Street	East Hartford	110 Feet AGL	87 Feet AGL	

Q23. What is the minimum height at which T-Mobile could achieve its coverage objectives from Site A? Site B?

A.23 The minimum height at which T-Mobile could achieve its coverage objective from each of the proposed sites is:

Site A: 117 feet AGL

Site B: 127 feet AGL

Q24. Provide a propagation map, at the same scale as the maps provided in the application, showing what T-Mobile's coverage would be at 10 feet below its antennas' proposed heights at Site A. At Site B.

A24. See propagation maps attached hereto as Exhibit 4.

Q25. Provide a propagation map showing what T-Mobile's coverage would be if it placed antennas at the highest available location on the Global Signal tower at 1616 New London Turnpike in Glastonbury.

A25. See propagation map attached hereto as Exhibit 5.

Q26. Would T-Mobile be able to cover its target area if it were able to place antennas higher on the tower at 366 Three Mile Road in Glastonbury? How high would antennas have to be at this site to provide comparable coverage?

A26. Due to the terrain in this area, including the ridge line that the 366 Three Mile Road site is located and the 220 foot ground elevation difference between the two locations, T-Mobile would not be able to provide compatible coverage to its coverage objective by locating antennas higher on the existing structure.

Prediction modeling shows that an antenna height of approximately 200 to 210 feet AGL would be required to overcome terrain obstacles in this area. However, this would now create a substantial increase in interference transmitted back toward downtown Hartford due to the increased line of site to locations at a distance.

Q27. Prospective sites at 1354 Neipsic Road, 990 Neipsic Road, and Gideon Wells Middle School were rejected because coverage from these locations would be redundant. Which existing T-Mobile site would these locations duplicate coverage?

A27. These three sites would have redundant coverage with T-Mobile site CT11248A (366 South Three Mile Road). These three candidates are located on the opposite side of route 2 from CT11248A in very close proximity.

Respectfully Submitted,

By: _____

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Tel. (203) 368-0211
Fax (203) 394-9901

Certification

This is to certify that a copy of the foregoing has been mailed, this date to all parties and intervenors of record.

Richard J. Johnson, Town Manager
Town of Glastonbury
P.O. Box 6523
Glastonbury, CT 06033

Eric Knapp
Branse, Willis & Knapp, LLC
148 Eastern Boulevard, Suite 301
Glastonbury, CT 06033-6523

_____
Carrie L. Larson

Opta Towers LLC

April 22, 2008

Town of Glastonbury
Department of Police Service
Lt. Dennis Woessner
2108 Main Street
Glastonbury CT 06033

Dear Lt. Woessner:

Optasite Towers, LLC, "Optasite", has filed an application with the CT Siting Council for a potential wireless telecommunications facility to be located at one of the following locations in the town of Glastonbury:

Site #1
58 Montano Road
North Latitude 41 ° 41' 58" West Longitude 72 ° 33' 50.4"
Proposed Tower Height - 110'

Site #2
497A Wickham Road
North Latitude 41 ° 44' 04" West Longitude 72 ° 33 50.5"
Proposed Tower Height - 130'

Optasite is extending an offer to Glastonbury emergency services to occupy space on the tower and necessary ground space for radio equipment at no charge to the Town.

Please let me know if the Town needs the site for its emergency services and provide me the height required and the equipment specifications, so Optasite can properly design the tower to include your equipment.

Please do not hesitate to contact me with any questions. I can be reached at 860-394-7021.

Thank you,

Chuck Regulbuto
Director of North East Development

One Research Drive, Suite 200C, Westborough, MA 01581
Tel: 508-799-2460 • Fax: 508-471-1599 • www.optisite.com

Optasite Towers LLC

April 24, 2008

Glastonbury Fire Department
Mr. Matthew Nelson, Fire Chief
2155 Main Street
Glastonbury CT 06033

Dear Chief Nelson:

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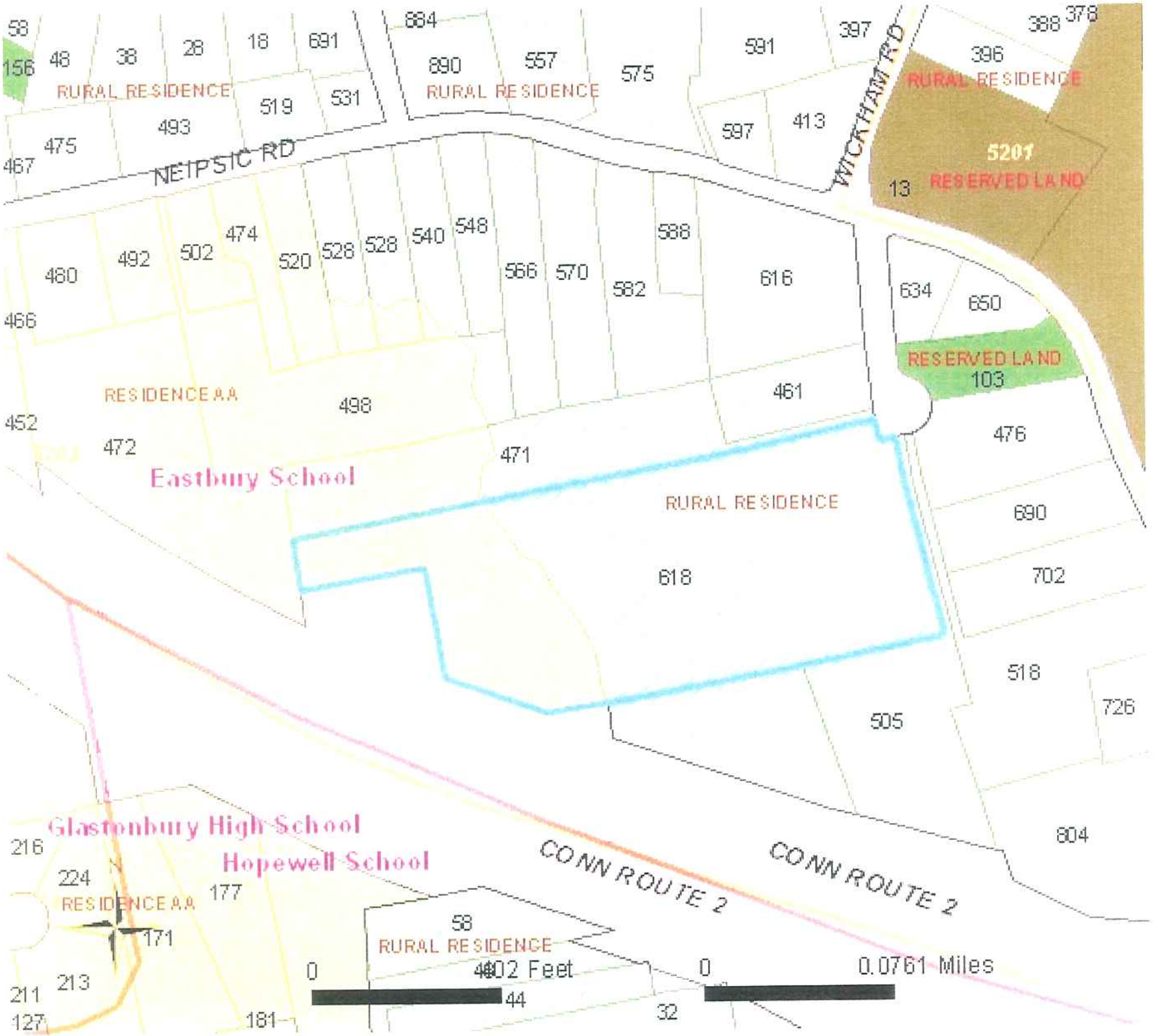
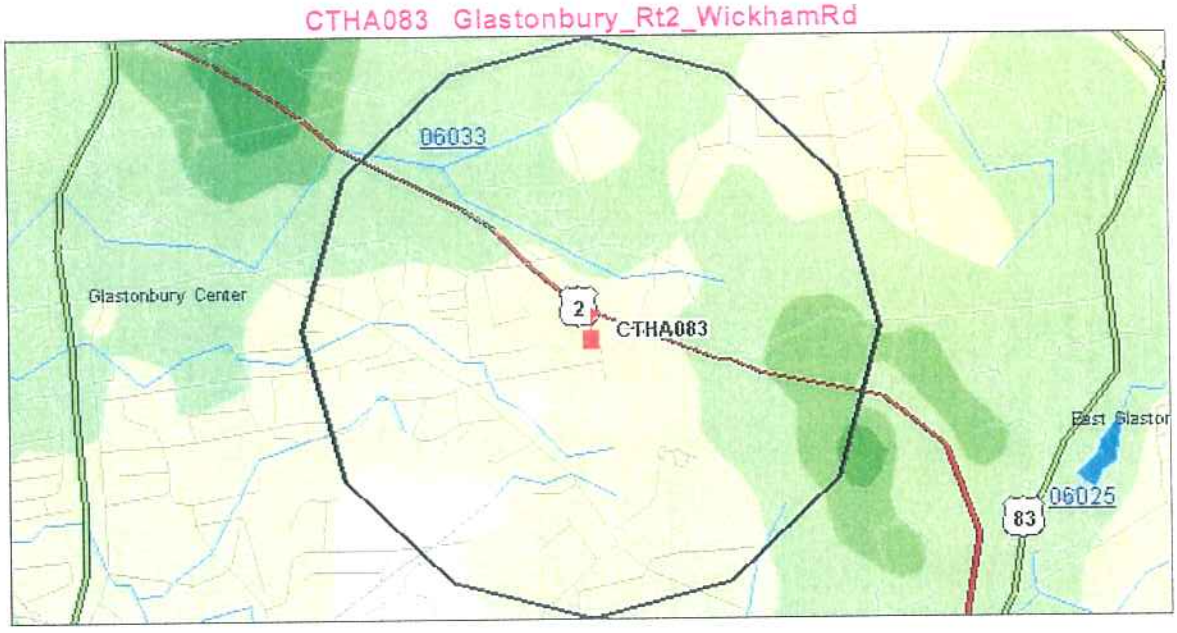
Chuck Regulbuto
Director of North East Development

One Research Drive, Suite 200C, Westborough MA 01581
Tel: 508-799-2460 · Fax: 508-471-1399 · www.optasite.com


NEIPSIC RD
WICKHAM RD
RURAL RESIDENCE
RESERVED LAND
5201
RESERVED LAND
103
RESIDENCE AA
Eastbury School
Glastonbury High School
Hopewell School
CONN ROUTE 2
CONN ROUTE 2
0
402 Feet
0
0.0761 Miles

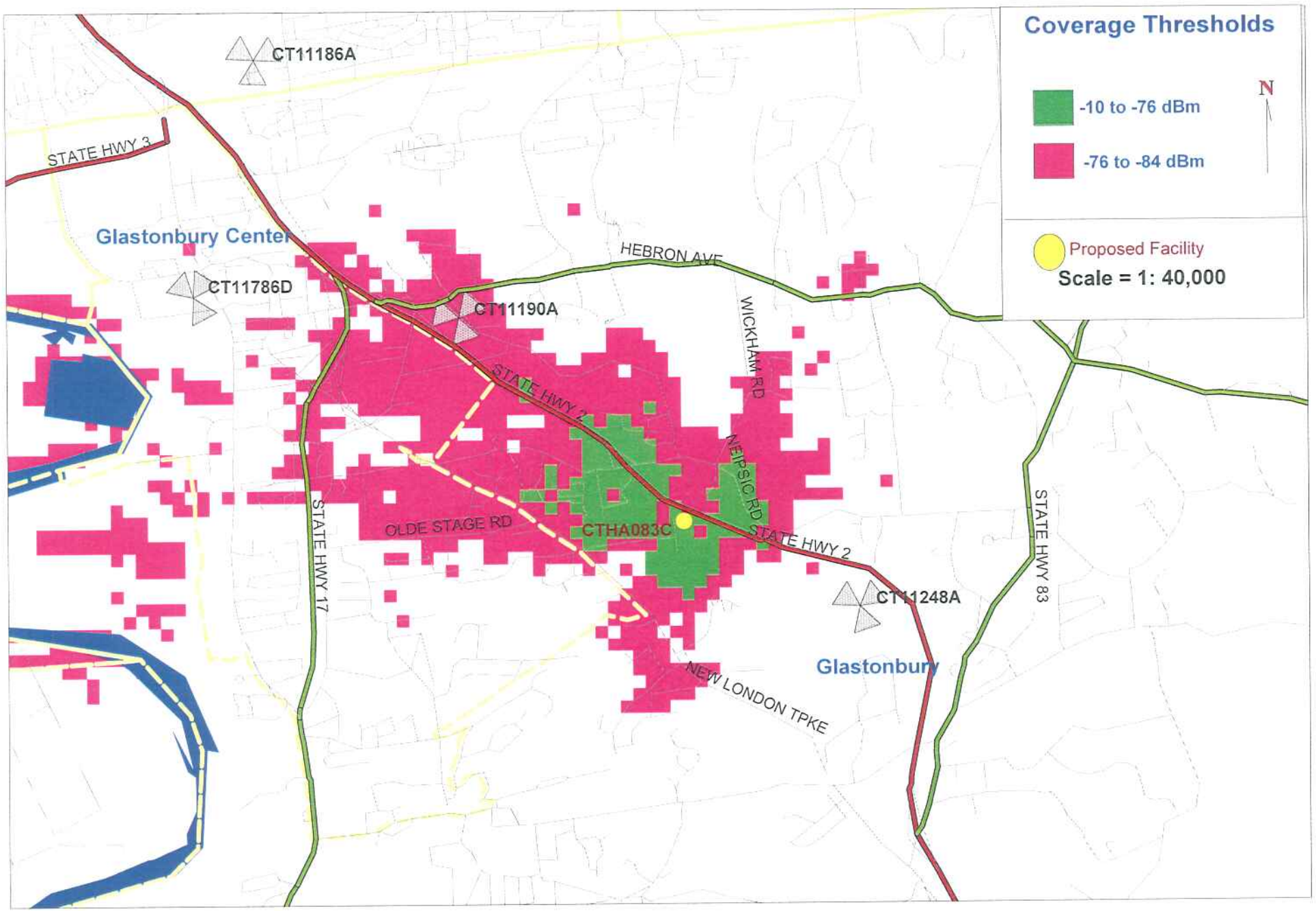
5/5/2008

CTHA083 Glastonbury_Rt2_WickhamRd

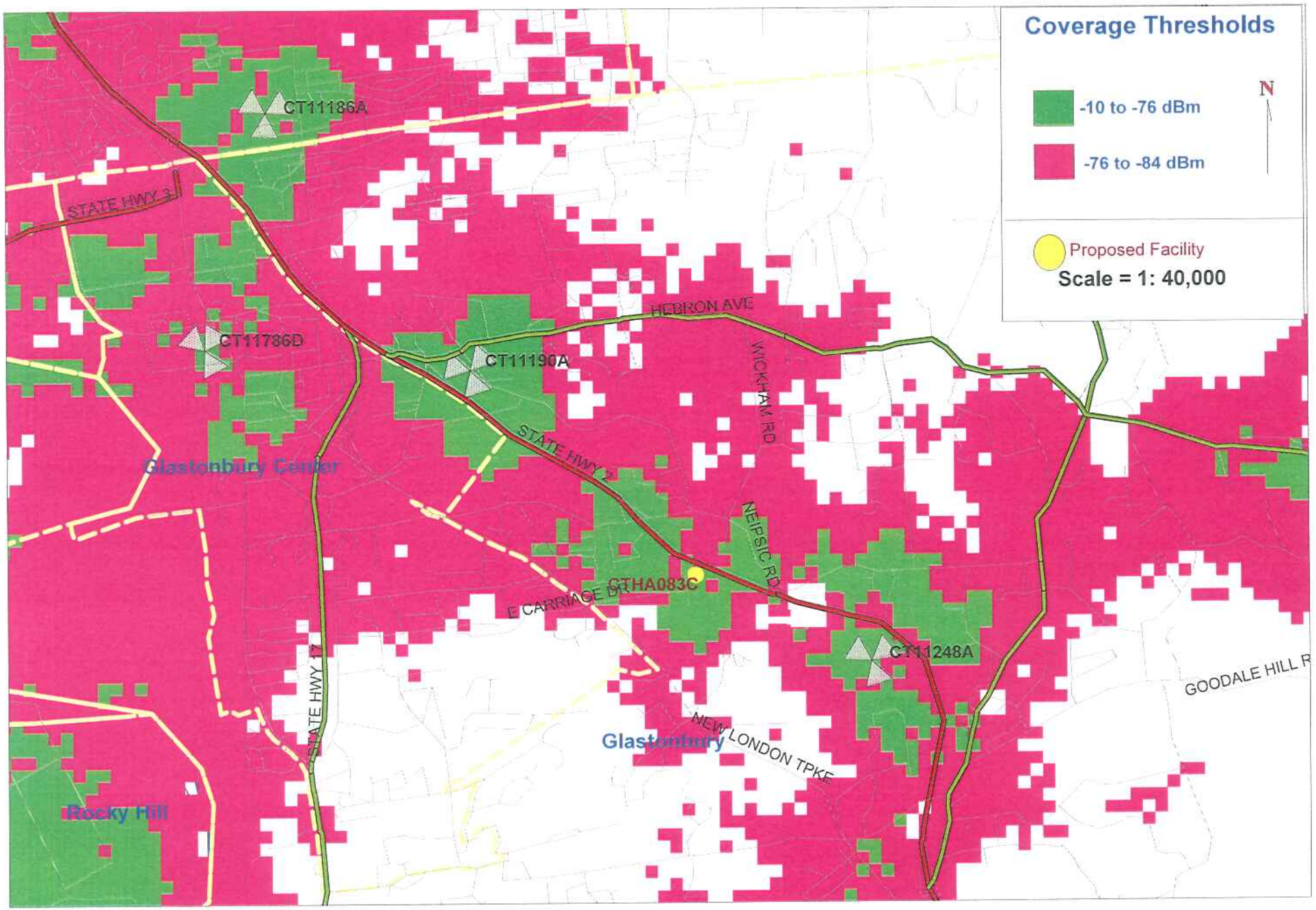


Click on the map to: Zoom In Zoom Out Center Map width: 4 miles Change

SITE A

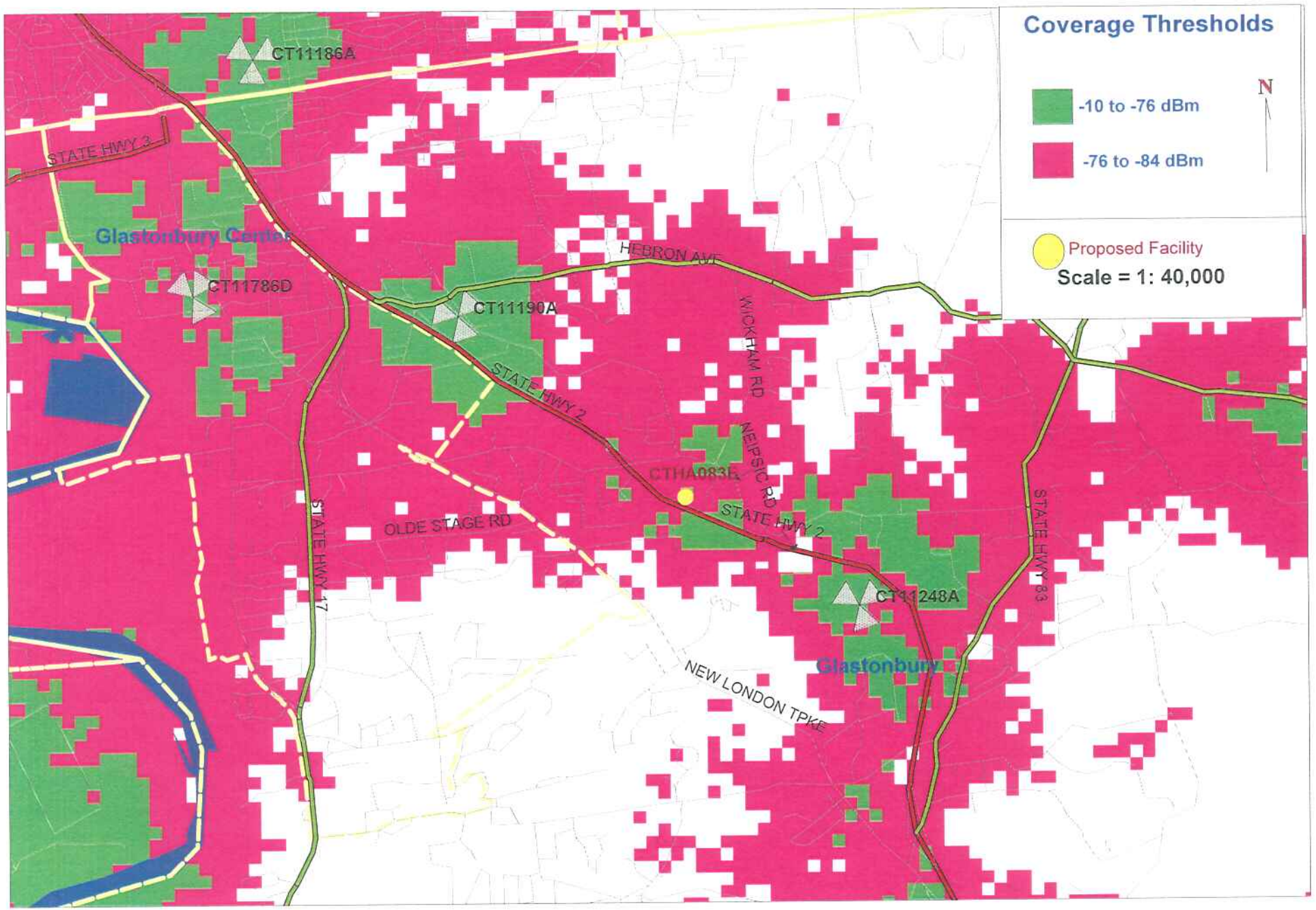


T-Mobile Proposed CTHA083C @ 107 feet AGL

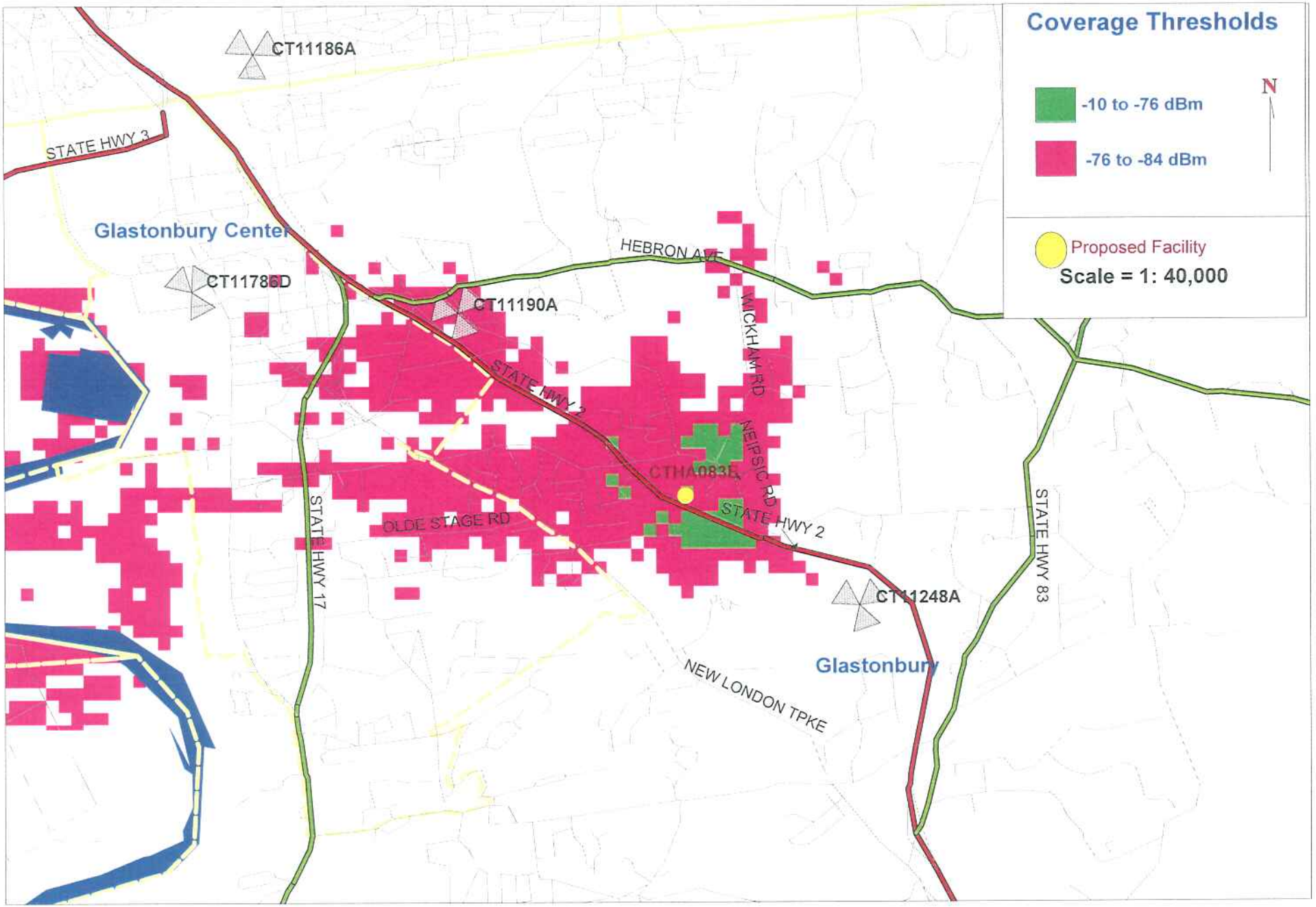


T-Mobile Existing Coverage With CTHA083C @ 107 feet AGL

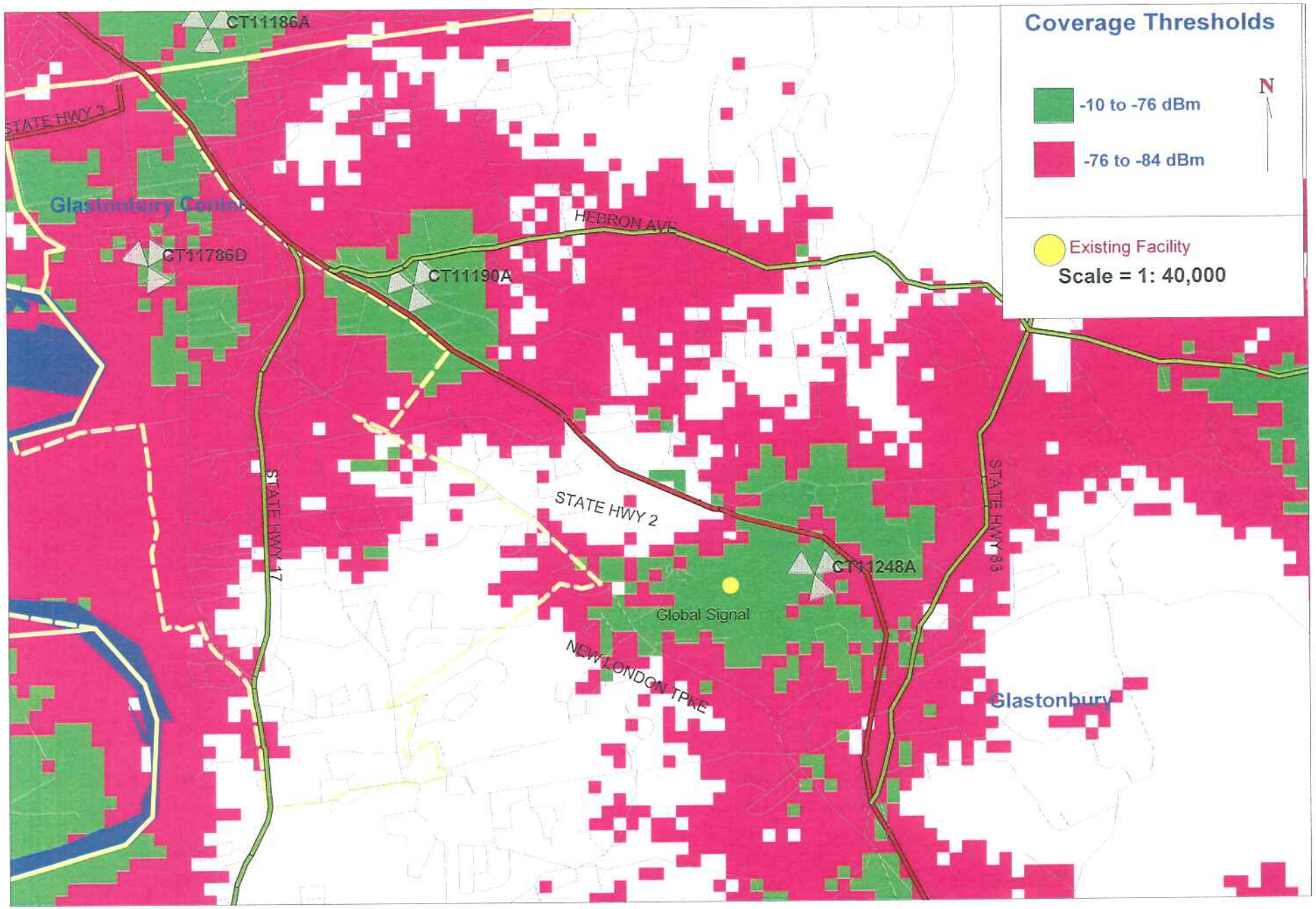
SITE B



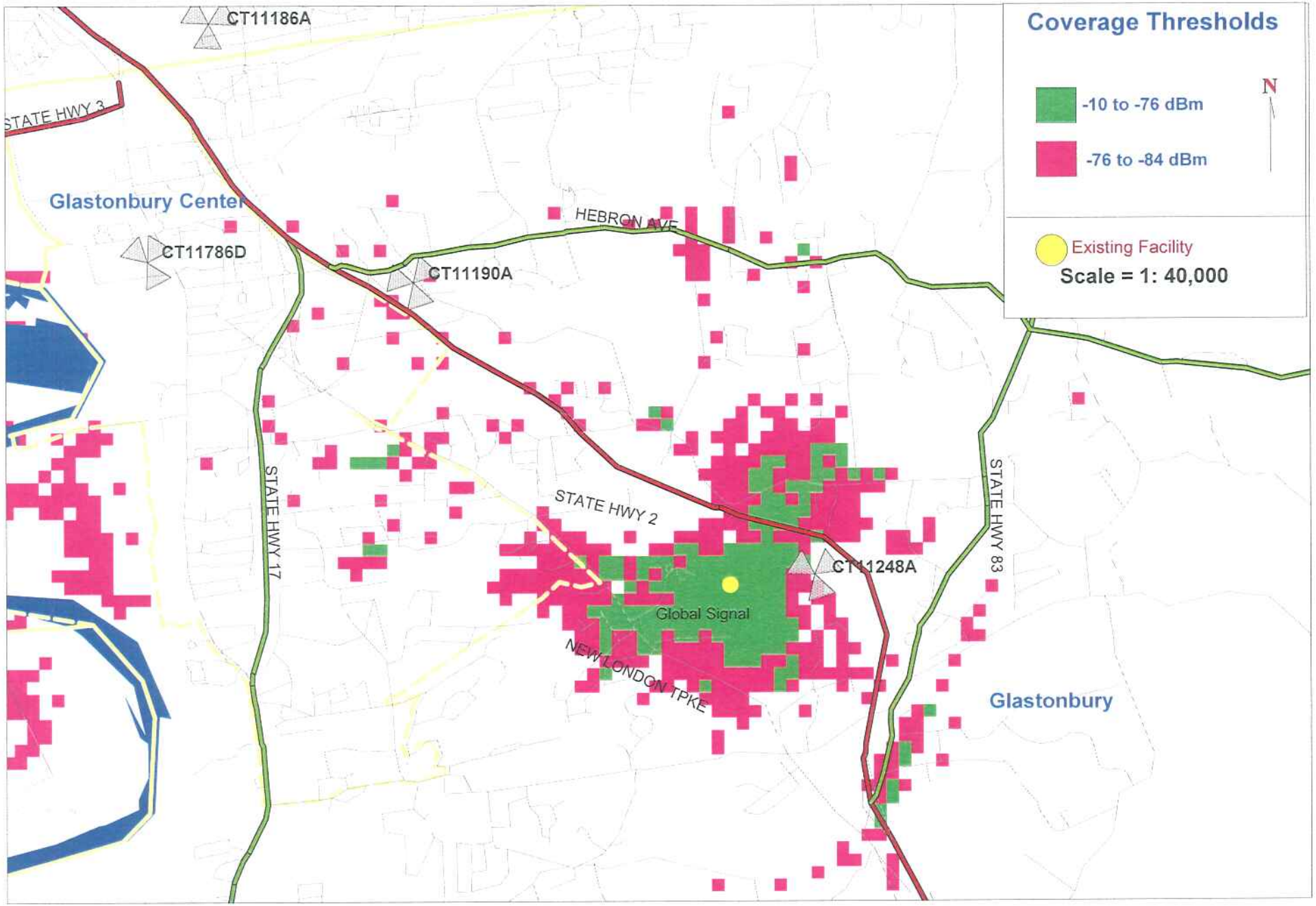
T-Mobile Existing Coverage With CTHA083E @ 117 feet AGL



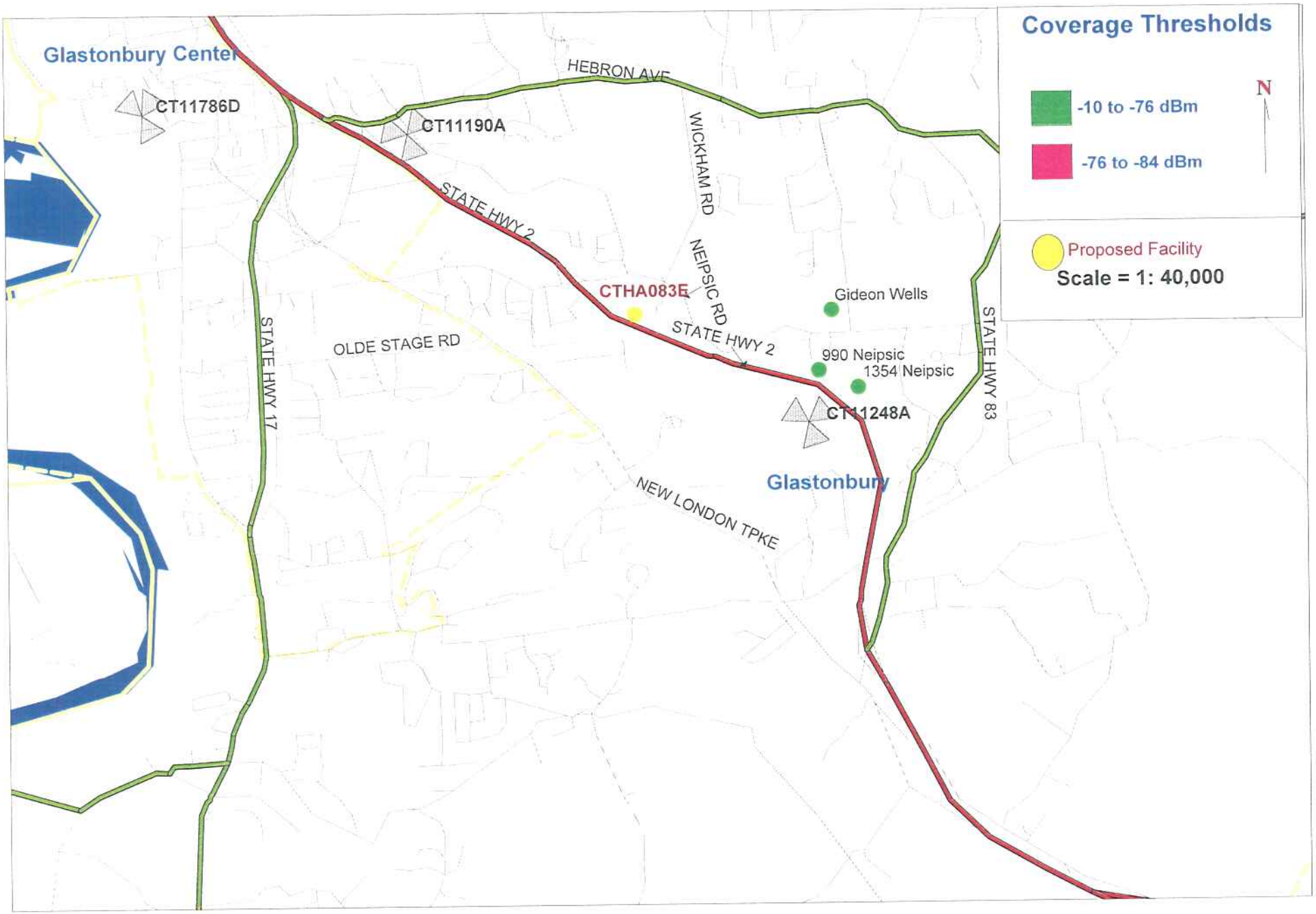
T-Mobile Alternate Site CTHA083E @ 117 feet AGL



existing Coverage With Global Signal (1616 New London Turnpike) @ 150 feet AGL



Global Signal (1616 New London Turnpike) @ 150 feet AGL



Glastonbury Alternate site locations