

February 3, 2016

**VIA OVERNIGHT DELIVERY**

Hon. Robert Stein, Chairman  
and Members of the Connecticut Siting Council  
10 Franklin Square  
New Britain, Connecticut 06051

Re: Blue Sky Towers, LLC (Blue Sky) & New Cingular Wireless PCS, LLC (AT&T)  
Docket 464-Proposed Wireless Communications Tower Facility  
Chapin & Bangs Property  
220 Evergreen Street, Bridgeport, Connecticut

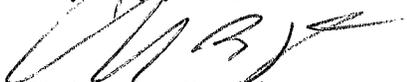
Dear Chairman Stein and Members of the Siting Council:

On behalf of Blue Sky Towers, LLC (Blue Sky) and New Cingular Wireless PCS, LLC (AT&T) and in connection with the above referenced Certificate Application, enclosed please find the following:

1. Applicants Pre-hearing Information with Attachments;
2. Applicants Pre-filed Statement of Facts; and
3. Applicants Affidavit of Sign Posting; and
4. Applicants Responses to CSC Interrogatories.

Should the Siting Council or Staff have any questions regarding this matter, please do not hesitate to contact us.

Very truly yours,



Christopher B. Fisher

cc: Sean Gormley, Blue Sky  
Michele Briggs, AT&T

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION OF BLUE SKY TOWERS, LLC (BLUE SKY) 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 BRIDGEPORT, CONNECTICUT

DOCKET NO. 464

February 3, 2016

**BLUE SKY TOWERS, LLC AND NEW CINGULAR WIRELESS PCS, LLC  
INTERROGATORY RESPONSES TO CONNECTICUT SITING COUNCIL**

1. Of the letters sent to abutting property owners, how many certified mail receipts were received? If any receipts were not returned, which owners did not receive their notice? Were any additional attempts made to contact those property owners?

*All but four (4) return receipts were received. On January 5, 2016, an additional attempt was made to mail notice to those four (4) abutters via first class mail. One letter to River Street Properties Inc. at 261 River Street was returned a second time as undeliverable. Copies are enclosed in Attachment 1.*

2. According to the Visibility Study under Tab 8 of the Application, Maplewood Annex Elementary School is listed as the closest to the proposed tower location. Provide the address and direction (e.g. southwest) from the proposed tower.

*322 Wells St  
Bridgeport, CT 06606  
0.43 miles SW*

3. Where is the nearest commercial child day care center from the proposed tower? Provide the address, distance, and direction from the proposed tower.

*St Paul's Child Development Center  
1475 Noble Avenue  
Bridgeport, CT 06610  
Located NE at a distance of 2,333 feet from the center of proposed tower*

4. How many residences are located within a 1,000-foot radius of the proposed tower?

*Approximately 75 properties. See map annexed as Attachment 2.*

5. What is the distance and direction of the nearest residence from the proposed tower?

*The abutting property to the south which is understood to be a legal non-conforming three family dwelling in this area of the City which is zoned I industrial as shown on the zoning map in the Applicant's Bulk Filing. The residence is approximately 60' from the tower.*

6. Could the proposed tower be designed with a yield point to ensure that the tower setback radius remains within the boundaries of the subject property?

*An engineered yield point can be incorporated into the upper portion of the monopole tower design at approximately the 100' level of the tower. There is no location on the property where the tower can be setback 1x the tower height from adjoining property lines.*

7. Quantify the amounts of cut and fill (if applicable) that would be required to develop the proposed facility.

*The Site would not require any cutting. Any additional fill would be limited to approximately 20-25 yards as the site is fairly level and no major grading is anticipated. Any additional leveling, underground trenching for utilities or other site improvements beyond that completed for the temporary tower site would be minimal.*

8. Sheet A-1 of the Application indicates that the equipment shelter is elevated approximately two feet above grade. Does this result in the equipment shelter being above the 100-year and 500-year flood elevations? Is the proposed tower located within the 500-year flood zone? Is the proposed backup generator located above both the 100-year and 500-year flood zones due to its 38-inch high fuel tank depicted on Sheet A-2?

*An aerial map with the flood zones, both 100 and 500, is included in Attachment 3. The tower site is outside of the 100 year flood zone (blue shading) and in the 500 year flood zone (orange shading) and not in the floodway in this area of the City. The shelter and generator elevation 2' above the 100-year flood elevation was part of the Council's requirements associated with approval of Petition Number 1169 and incorporated into the plans submitted with the Application.*

9. What is the tower design wind speed for this area (Fairfield County)?

*85 MPH (Fastest Mile)/100 MPH (3 Second Gust).*

10. Sheet A-1 indicates that the antennas would be attached to a platform mount. Would this be a low-profile platform mount?

*Yes.*

11. Would flush-mounted antennas or antennas attached to the tower at the proposed height via T-arms provide the required coverage? Would either configuration result in

reduced coverage and/or necessitate greater antenna height with multiple levels of antennas? Explain.

*T-arms are less desirable than platform mounts and could affect equipment mounting for RRHs, etc. that relate to latency, but such a mounting configuration would not reduce the RF coverage footprint. Flush mounting antennas would necessitate a taller tower to accommodate multiple antenna heights in order to maintain RF coverage and effectively provide for future collocation on the structure.*

12. Would the proposed tower have a grey, galvanized steel finish?

*Yes.*

13. Would the tower be expandable in height beyond the originally proposed height?

*The tower is proposed at 135' in height with a foundation and design that would permit expansion in the future to 155' if needed. As proposed, AT&T's antenna centerline is at 130' and future carrier centerlines at 120', 110' and 100'.*

14. Is Blue Sky Tower's LLC (Blue Sky) lease area generally limited to the fenced compound area?

*Yes.*

15. What measures are proposed for the site to ensure security and deter vandalism? (This would include but not be limited to alarms, gates, locks, etc.)

*An 8'-0" high security fence around the compound. The power company also has been contacted and at this time they will allow the meter center and transformer to be installed within the compound. A non-climbable fence as well as three strands of barbed wire on top of the fence can be installed for additional security and to discourage vandalism if deemed appropriate by the CSC. The shelter and generator are locked and alarmed and monitored remotely 24/7.*

16. Would any access or equipment compound upgrades (such as adding gravel) be required?

*Yes, a minimal amount of fill as well as compound geotextile fabric and stone will be installed to bring the site to a level grade.*

17. Would the temporary utility pole noted on Sheet C-3 become permanent?

*The intent is to remove the temporary utility pole and provide power from a new meter center as well as provide telco services from a new teleco cabinet once the permanent tower has been installed and the temporary tower and its foundation is removed.*

18. Would any blasting be required to develop the site?

*No.*

19. Would New Cingular Wireless PCS, LLC's (AT&T) equipment shelter have a light fixture installed on the outside wall? What type of lighting would be utilized? When would the light be on?

*The AT&T shelter will have a light fixture located just above the entry door operated by a motion detector mounted to the fixture. The fixture is intended to downlight the area at the entry to the shelter only.*

20. If the Docket No. 464 permanent facility is approved, could the construction details and schedule for the removal of the temporary tower be included with the construction schedule and details for the permanent tower in the Docket No. 464 Development and Management Plan?

*Yes.*

21. In lieu of a "search ring" history, approximately what year did AT&T determine a need for a facility in the vicinity of the HI HO structure, and approximately when was AT&T's original HI HO facility constructed and placed "on-air" (e.g. circa 2005)?

*The original HIHO facility was zoned and placed on air by AT&T circa 2003. A 2014 structural report for the silos led to AT&T's decision to relocate its facility to a new site.*

22. What was the antenna centerline height of the AT&T HI HO facility and the approximate height of the HI HO structure (if known)?

*The silo structure height is approximately 80 feet. The antenna centerline is 83 feet AGL.*

23. What is the current operational status of AT&T's HI HO facility? Is it currently operational with RF limitations or was it turned off upon installation of the temporary facility? Explain.

*The current HIHO facility is still operational as described in the Application and in the process of ultimately being decommissioned as part of AT&T's relocation to the temporary tower site.*

24. When was AT&T's temporary facility constructed and placed "on-air"?

*The temporary tower has been placed at the site and AT&T's facility is in the construction and extension of telco phase as of the time of this filing.*

25. Could AT&T's RF needs be met by use of multiple small cell facilities as opposed to the proposed facility?

*Not as a means for wide area coverage. This area is most appropriately served by a single macro site to replace the current single site at the HIHO location. Of note, a "small cell" can be considered many things and for purposes of this question, AT&T assumes the Council is referencing fully integrated antenna/equipment units such as a picocell and not necessarily what other carriers have generically referred to as "small cells" in their various filings with the Council and other State agencies.*

26. Which frequencies are AT&T licensed to utilize in Fairfield County?

*AT&T's FCC licenses in Fairfield County include:*

*KNKA256 Cell B 835-845 MHz, 880-890 MHz, 846.5-849 MHz, 891.5-894 MHz  
 KNLG502 PCS E 1885-1890 MHz, 1965-1970 MHz  
 WPSL626 PCS A 1850-1855 MHz, 1930-1935 MHz  
 WQGG892 PCS A 1855-1860 MHz, 1935-1940 MHz  
 WQVN685 AWS J 1770-1780 MHz, 2170-2180 MHz  
 WPWV368 Lower C 710-716 MHz, 740-746 MHz  
 WQIZ617 Lower E 722-728 MHz  
 WQJU459 Lower B 704-710 MHz, 734-740 MHz*

27. Would the proposed site be needed for coverage, capacity, or both? Explain.

*The site is needed to replace the lost coverage and capacity provided by the current site and also to allow technology upgrades which are impossible due to the deteriorated condition of the current site.*

28. Which frequency band services would AT&T install at the proposed site, e.g. 700 MHz, 850 MHz, 1900 MHz, etc.? Would all of these frequencies be provided initially, or would some be provided initially and others deployed in the future at this particular site? Explain.

*AT&T would initially deploy 700 MHz and 1900 MHz frequencies at this site. 850 MHz and 2100 MHz frequencies would be deployed at some point in the future.*

29. Of the adjacent sites listed on page 11 of the Radio Frequency Analysis Report (RF Report), would all of them interact with the proposed tower site to hand off signals? If no, indicate which ones would not interact with the proposed site. If any sites that would interact with the proposed site are not listed, provide them.

Site Name	Address	Town	Latitude	Longitude	Antenna Centerline (feet)	Distance to Proposed Site (miles)	Structure Type	Ground Elevation (feet)
CT5024	2470 North Avenue	Bridgeport	41.1788	-73.2166	132	1.8	Rooftop	31
CT2088	2625 Park Avenue	Bridgeport	41.1932	-73.2167	160	1.4	Rooftop	672
CT5086	3200 Park Avenue	Bridgeport	41.2007	-73.2209	121/69	1.5	Rooftop	164

CT5093	1320 Chopsey Hill Rd	Bridgeport	41.2196	-73.2014	165	1.6	Lattice Tower	276
CT2085	120 Huntington Turnpike	Bridgeport	41.2114	-73.1771	100	1.2	Rooftop	95
CT2548	267 Grant Street	Bridgeport	41.1897	-73.1666	142	1.4	Rooftop	103
CT5025	955 Main Street	Bridgeport	41.1775	-73.1894	140	1.3	Rooftop	365
CT2176	430 John Street	Bridgeport	41.1761	-73.1946	148	1.5	Rooftop	34

30. Are all frequencies used to transmit voice and data?

*All frequencies will ultimately be used to transmit voice and data.*

31. What is the lowest height at which AT&T's antennas could achieve its coverage objectives from the proposed site?

*The required antenna height is the requested height of 130 feet AGL.*

32. Provide the in-building and in-vehicle design signal strengths for AT&T's proposed facility for any frequency bands not included on pages 1 and 2 of the RF Report (e.g. 850 MHz and 2100 MHz) as applicable.

*The design signal strengths for 850 MHz in its UMTS are -74 and -82 dBm, respectively. AT&T is not installing AWS at this site at this time.*

33. What would be the approximate existing signal strength within the area AT&T is seeking to cover from this site assuming that there is no HI HO facility and no temporary facility active?

*For 1900 MHz UMTS, for which the coverage criteria for in-building and in-vehicle coverage are -74 dBm and -82 dBm, respectively, the coverage levels vary from points in excess of the in-building criterion down to approximately -100 dBm.*

34. Provide the individual lengths of the existing coverage gaps on State roads that AT&T is seeking to cover from the proposed site at each frequency used by AT&T (assuming that there is no HI HO facility and no temporary facility active). Break this down by street names. (A State road can generally be considered a road with a route number.)

<b>700 MHz LTE Gap - State Roads</b>	
Street Name	Length miles
None	N/A

<b>1900 MHz LTE Gap - State Roads</b>	
Street Name	Length miles
US Hwy 1	0.53
State Hwy 8	0.05

<b>1900 MHz LTE Gap - State Roads</b>	
Street Name	Length miles

State Hwy 25	0.01
State Hwy 8	0.05
US Hwy 1	1.27

35. Provide the individual lengths of the existing coverage gaps on local roads that AT&T is seeking to cover from the proposed site at each frequency used by AT&T (assuming that there is no HI HO facility and no temporary facility active). Break this down by street names. (A local road can generally be considered a road with a route number.)

*See Attachment 4.*

36. What is the total (not incremental) predicted coverage footprint from the proposed permanent tower (in square miles), at each frequency to be used by AT&T? Provide such data for the proposed antenna height and ten feet shorter.

Frequency	Coverage Level	Height	Square Miles
700 LTE	IB	Proposed Height	2.00
700 LTE	IV	Proposed Height	12.12
1900 LTE	IB	Proposed Height	3.54
1900 LTE	IV	Proposed Height	9.47
1900 UMTS	IB	Proposed Height	3.06
1900 UMTS	IV	Proposed Height	8.17
700 LTE	IB	Proposed Height – 10 feet	1.80
700 LTE	IV	Proposed Height – 10 feet	10.02
1900 LTE	IB	Proposed Height – 10 feet	2.86
1900 LTE	IV	Proposed Height – 10 feet	8.55
1900 UMTS	IB	Proposed Height – 10 feet	2.42
1900 UMTS	IV	Proposed Height – 10 feet	7.25

37. In the RF Report under Tab 1 of the Application, AT&T included an existing coverage plot with CT5092, an existing coverage plot without CT5092 and an existing and proposed coverage plot for 1900 MHz. Provide similar plots for 700 MHz, 850 MHz, and 2100 MHz, or as applicable.

*See plots in Attachment 5.*

38. Provide propagation maps showing existing plus proposed coverage at an antenna height that is ten feet shorter than proposed for 700 MHz, 850 MHz, 1900 MHz, or as applicable.

*See plots in Attachment 6.*

39. Provide the individual lengths of the coverage that AT&T would provide along State roads from the proposed site at the proposed frequencies, e.g. 700 MHz, 850 MHz,

1900 MHz, or as applicable. Also provide such data assuming that the tower is ten feet shorter. (A State road can generally be considered a road with a route number.)

<b>State Roads - 700 MHz LTE - Proposed</b>	
<b>Street Name</b>	<b>Length (miles)</b>
None	N/A

<b>State Roads - 700 MHz LTE - 10 ft below Proposed</b>	
<b>Street Name</b>	<b>Length (miles)</b>
None	N/A

<b>State Roads - 1900 MHz LTE - Proposed</b>	
<b>Street Name</b>	<b>Length miles</b>
US Hwy 1	0.53
State Hwy 8	0.05

<b>State Roads - 1900 MHz LTE - 10 ft below Proposed</b>	
<b>Street Name</b>	<b>Length (miles)</b>
US Hwy 1	0.53
State Hwy 8	0.05

<b>State Roads - 1900 MHz UMTS - Proposed</b>	
<b>Street Name</b>	<b>Length miles</b>
US Hwy 1	1.20
State Hwy 8	0.05

<b>State Roads - 1900 MHz UMTS - 10 ft below Proposed</b>	
<b>Street Name</b>	<b>Length miles</b>
US Hwy 1	1.08
State Hwy 8	0.05

40. Provide the individual lengths of the coverage that AT&T would provide along local roads from the proposed site at the proposed frequencies, e.g. 700 MHz, 850 MHz, 1900 MHz, or as applicable. Also provide such data assuming that the tower is ten feet shorter. (A local road can generally be considered a road with a route number.)

*See Attachment 7.*

41. Page 4 of the RF Report provides the population living within the incremental coverage area for 700 MHz and 1900 MHz. Provide similar data for 850 MHz or other frequencies as applicable.

*The site density in this area is such that the decommissioning of the current site does not create an 850 MHz coverage gap. AT&T is not deploying AWS at this site.*

42. Is the Applicant proposing to install a backup generator only large enough for AT&T's needs at this time? If yes, would the Applicant consider reserving space in the fenced compound for a fixture shared generator should additional carriers co-locate on the tower?

*Yes. AT&T is proposing a 50KW generator to provide backup power to their equipment shelter. Reserved space within the fenced compound could be considered as part of any D&M Plan.*

43. What is the size of the diesel backup generator in kilowatts? Provide the estimated run time for the generator based on its fuel tank capacity.

*The 50 KW Diesel generator has a fuel tank capacity of 210 gals which will typically allow a run time of 48 hours.*

44. Would there be any interruption in service between the time power goes out and the generator comes online? For example, would AT&T provide battery backup to prevent a reboot condition and provide seamless power until the generator starts? If AT&T has a battery backup system, how many hours could it supply power in the event that the generator fails to start?

*There would be no interruption in service; AT&T's battery backup will supply power to the radios for several hours (typically up to 8). The backup generator would start when there is a loss of commercial power thru the Automatic Transfer Switch (ATS) and provide backup power.*

45. Has AT&T considered using a fuel cell as a backup power source for the proposed site? Explain.

*No. AT&T does not widely utilize that technology at present for back up power at its cell sites. Note also for a site like this one that Connecticut State Fire Prevention Code references NFPA 50A-1994 for the regulating Hydrogen gas system. Section 4-1.2 specifies 15' clear to electrical equipment that is not Class 1, which is hermetically sealed, oil-immersed or explosion-proof equipment. This would mean that if a fuel cell was placed in the compound that it would require a 15' clear radius around it and to any property or lease line. There would be limited space to within the fenced compound to allow for collocation if a backup fuel cell was placed within the proposed compound*

46. What size generator would be needed if two carriers were to share the generator and both required 48 hours of runtime? What if the generator were also shared with City/emergency equipment?

*The specific power requirements for each user would have to be fully known in order to properly size such a unit. At this time, there is no known need for a shared generator at the site.*

47. What size concrete pad or equivalent would be needed to accommodate a backup generator for AT&T at approximately 50 kW? What size concrete pad or equivalent would be needed to accommodate a shared backup generator at approximately 200 kW?

*The proposed concrete pad would be 4' x 7' to accommodate a 50kW diesel Generator; a 200kW generator would require a concrete pad 5' x 10'. A 200 KW generator would generate additional noise.*

48. Please provide the cost of an approximately 50 kW backup generator. Please provide the estimated cost of a 200 kW shared backup generator.

*The installed cost of a 50kW diesel generator set is approximately \$31,000 with the enclosure and subbase fuel tank. The cost of a 200kW generator set is approximately \$66,000 with the enclosure and subbase fuel tank. A shared generator also requires a backup Electrical Distributor panel which costs approximately \$4,500*

49. Will the proposed facility support text-to-911 service? Is additional equipment required for this purpose?

*AT&T and this facility will be able to support text-to-911 service once this functionality is supported and requested by the Public Safety Answering Point (PSAP). AT&T is not aware that this functionality had yet been requested for this area.*

50. Are you aware of any Public Safety Answering Points in the area of the proposed site that are able to accept text-to-911?

*Please see answer to 49 above.*

51. Identify the safety standards and/or codes by which equipment, machinery, or technology would be used or operated at the proposed facility?

*OSHA and ET docket 93-62 and 47 CFR parts 1,2,15,42 and 97 as well as OET Bulletin 65, Edition 97-01.*

52. Is the proposed site near an "Important Bird Area" as designated by the National Audubon Society?

*No. The proposed facility is not located near an "Important Bird Area" as designated by the National Audubon Society. See important bird area map annexed as Attachment 8.*

53. Would AT&T's proposed facility comply with recommended guidelines of the United States Fish and Wildlife Service for minimizing the potential for telecommunications towers to impact bird species?

*Yes.*

54. What, if any, stealth tower design options would be feasible to employ at this site?

*The site is located in a highly industrialized area of the City of Bridgeport and stealth designs not warranted in the opinion of the Applicants.*

55. What is the cumulative noise level that the Applicant expects at the nearest property line from the proposed facility taking into account AT&T's two heating/ventilation/air conditioning (HVAC) units attached to the outside of the equipment shelter? Would the expected noise levels comply with applicable standards? If no, indicate which noise mitigation measure(s) may be employed to ensure compliance.

*See Noise Report including noise mitigation measures(baffling) annexed as Attachment 9.*

56. What is the approximate distance and direction of the nearest off-site wetland?

*The nearest off-site wetland is located approximately 0.20 miles to the SE and is associated with the Pequannock River.*

57. Typical viewshed maps presented to the Council include year-round visibility areas and seasonal (or leaf-off) visibility areas. However, because the proposed tower is located in an industrial zone with a minimal amount of trees in the surrounding areas, is it reasonable to conclude that, generally, there would not be a significant difference between views of the tower? As such, is the viewshed map approximately accurate for all year?

*Because the proposed tower is located in a highly urbanized area where significant vegetation is absent, the viewshed provided is representative of year-round visibility.*

58. Provide the visibility area (in acres) that is identified in red in the Viewshed Map. Provide the percent visibility area relative to the total 0.1-mile radius study map.

*The evaluated viewshed area extends to a .5 mile radius from the proposed tower (508 acres). The proposed tower will be visible (area illustrated in red) from approximately 17.7 percent of the .5 mile radius study area; or approximately 89 acres.*

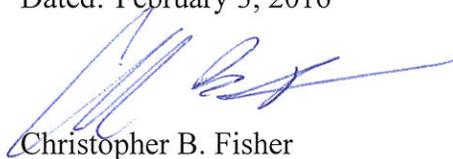
59. Approximately how many residences would have views of the proposed tower and, generally, which streets would they be located on?

*Given the density of development, this is not readily calculated. There are 75 residences within 1000 feet of the tower site that may have views of the tower. The immediately adjacent residences to the south will certainly have a view of the tower.*

60. Are any hiking trails located within a two-mile radius of the proposed tower? If yes, would the tower be visible from such trails?

*There are no known hiking trails within a two-mile radius of the proposed tower. Several City parks are located within a two-mile radius. Views of the proposed tower from these public recreational facilities are expected to be minimal given the distance and intervening buildings and other structures.*

Dated: February 3, 2016



Christopher B. Fisher  
Cuddy & Feder LLP  
445 Hamilton Avenue, 14<sup>th</sup> Floor  
White Plains, New York 10601  
(914)-761-1300

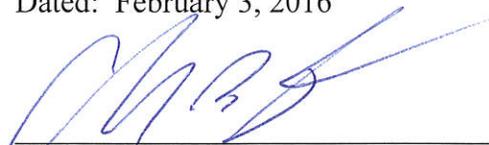
CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and fifteen (15) copies of the foregoing was sent electronically and by overnight mail to the Connecticut Siting Council:

Michele Briggs  
AT&T  
500 Enterprise Drive  
Rocky Hill, CT 06067-3900

Sean Gormley  
Blue Sky Towers, LLC  
352 Park Street, Ste. 106  
North Reading, MA 01864

Dated: February 3, 2016



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Christopher B. Fisher

# ATTACHMENT 1

January 5, 2016

**VIA FIRST CLASS MAIL**

Westlund-Krasenics Properties LLC.  
221 Evergreen Street  
Bridgeport, CT 06606

Re: Blue Sky Towers, LLC (“Blue Sky”) and New Cingular Wireless PCS, LLC (“AT&T”)  
Proposed Wireless Telecommunications Tower Facility  
220 Evergreen Street, Bridgeport, Connecticut

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Dear Sir/Madam:

Our office previously attempted to contact you on behalf of our clients Blue Sky Tower, LLC (“Blue Sky”) and New Cingular Wireless PCS, LLC (“AT&T”) with respect to the above referenced matter. A certified return receipt envelope was sent to your attention on November 18, 2015 but a signed receipt was not returned. The address listed for you corresponds with the records on file with the Town of Bridgeport Tax Assessor’s Office as an owner of property abutting the subject parcel detailed in the attached notice. This letter along with a copy of the notice sent on November 18, 2015 is being sent via first class mail in the hopes that this method may be successful in reaching you.

If you have any questions concerning this information, please do not hesitate to contact us.

Very truly yours,



Christopher B. Fisher  
Enclosure

November 18, 2015

**VIA CERTIFIED MAIL**

Westlund-Krasenics Properties LLC.  
221 Evergreen Street  
Bridgeport, CT 06606

Re: Blue Sky Towers, LLC ("Blue Sky") and New Cingular Wireless PCS, LLC ("AT&T")  
Proposed Wireless Telecommunications Tower Facility  
220 Evergreen Street, Bridgeport, Connecticut

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Dear Sir/Madam:

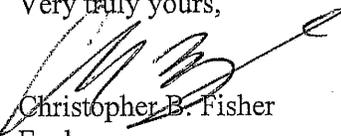
We are writing to you on behalf of our clients Blue Sky Tower, LLC ("Blue Sky") and New Cingular Wireless PCS, LLC ("AT&T") with respect to the above referenced matter and our client's intent to file an application with the State of Connecticut Siting Council for approval of a wireless communications tower facility (the "Facility") within the City of Bridgeport.

State law requires that record owners of property abutting a parcel on which a facility is proposed be sent notice of an applicant's intent to file an application with the Siting Council.

Included with this letter please find a Notice with details of the proposed Facility and the Applicants' intent to file an application with the State. Of note, the location, height and other features of the Facility are subject to review and potential change by the Connecticut Siting Council under the provisions of Connecticut General Statutes §16-50g et seq.

If you have any questions concerning this application, please contact the Connecticut Siting Council or the undersigned after December 2, 2015, the date which the application is expected to be on file.

Very truly yours,

  
Christopher B. Fisher  
Enclosure

NOTICE

Notice is hereby given, pursuant to Section 16-50/(b) of the Connecticut General Statutes and Section 16-50/-1(e) of the Regulations of Connecticut State Agencies of an Application to be filed with the Connecticut Siting Council ("Siting Council") on or after December 1, 2015 by Blue Sky Towers, LLC and New Cingular Wireless PCS, LLC (the "Applicants") for a certificate of environmental compatibility and public need for the construction and maintenance of a wireless telecommunications tower facility in Bridgeport, Connecticut.

A replacement tower is being proposed by the Applicants to replace service that is currently being provided by a temporary tower at 220 Evergreen Street, which was approved in Petition 1169 by the Connecticut Siting Council. The temporary tower was approved as an interim measure due to the decommissioning of AT&T's existing Facility located at 370 North Avenue ("HI HO Facility"). The replacement tower facility is proposed on property located at 220 Evergreen Street in Bridgeport. The proposed facility consists of a 135-foot tall self-supporting monopole tower and a 3,617.5 square foot tower compound along the parcel's frontage on Evergreen Street. AT&T would install up to twelve (12) panel antennas and related equipment at a centerline height of 130' above grade level (AGL) on the tower. A permanent 12' x 20' unmanned equipment shelter would be installed together with a back-up power generator in the compound. The proposed tower and equipment compound will be enclosed by an eight (8) foot tall fence. The compound and tower will be designed to accommodate space for two other carriers. Vehicular access to the facility will be provided from Evergreen Street over an existing access drive.

The location, height and other features of the Facility are subject to review and potential change under provisions of the Connecticut General Statutes Sections 16-50g et. seq. The Facility is being proposed to allow AT&T to continue wireless services in this area of the State from the site to be decommissioned and in place of the temporary tower. The Application will explain the need, purpose and benefits of the Facility and also describe the environmental effects of the proposed Facility. The Facility will be available for co-location by other wireless carriers.

A balloon, representative of the height of the proposed Facility, will be flown at the proposed site on the first day of the Siting Council public hearing on the Application, or such other date specified by the Siting Council and a time to be determined by the Siting Council, but anticipated to be between the hours of 12pm and 5pm.

Interested parties and residents are invited to review the Application during normal business hours after December 2, 2015 at any of the following offices:

Connecticut Siting Council  
10 Franklin Square  
New Britain, Connecticut 06051

City of Bridgeport  
Alma L Maya, City Clerk  
45 Lyon Terrace  
Bridgeport, CT 06604

or the offices of the undersigned. All inquiries should be addressed to the Connecticut Siting Council or to the undersigned.

Christopher B. Fisher, Esq.  
Cuddy & Feder LLP  
445 Hamilton Ave, 14th Floor  
White Plains, New York 10601  
(914) 761-1300  
Attorneys for the Applicants

January 5, 2016

**VIA FIRST CLASS MAIL**

Maria C. & Julio C. Guzman  
292 River St  
Bridgeport, CT 06604

Re: Blue Sky Towers, LLC (“Blue Sky”) and New Cingular Wireless PCS, LLC (“AT&T”)  
Proposed Wireless Telecommunications Tower Facility  
220 Evergreen Street, Bridgeport, Connecticut

---

Dear Maria C. & Julia C. Guzman:

Our office previously attempted to contact you on behalf of our clients Blue Sky Tower, LLC (“Blue Sky”) and New Cingular Wireless PCS, LLC (“AT&T”) with respect to the above referenced matter. A certified return receipt envelope was sent to your attention on November 18, 2015 but a signed receipt was not returned. The address listed for you corresponds with the records on file with the Town of Bridgeport Tax Assessor’s Office as an owner of property abutting the subject parcel detailed in the attached notice. This letter along with a copy of the notice sent on November 18, 2015 is being sent via first class mail in the hopes that this method may be successful in reaching you.

If you have any questions concerning this information, please do not hesitate to contact us.

Very truly yours,



Christopher B. Fisher  
Enclosure

# CUDDY & FEDER<sup>LLP</sup>

445 Hamilton Avenue, 14th Floor  
White Plains, New York 10601  
Tel 914.761.1300 Fax 914.761.5372  
www.cuddyfeder.com

November 18, 2015

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Maria C. & Julio C. Guzman  
292 River St  
Bridgeport, CT 06604

Re: Blue Sky Towers, LLC ("Blue Sky") and New Cingular Wireless PCS, LLC ("AT&T")  
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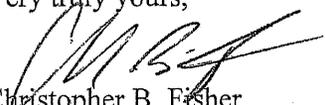
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State law requires that record owners of property abutting a parcel on which a facility is proposed be sent notice of an applicant's intent to file an application with the Siting Council.

Included with this letter please find a Notice with details of the proposed Facility and the Applicants' intent to file an application with the State. Of note, the location, height and other features of the Facility are subject to review and potential change by the Connecticut Siting Council under the provisions of Connecticut General Statutes §16-50g et seq.

If you have any questions concerning this application, please contact the Connecticut Siting Council or the undersigned after December 2, 2015, the date which the application is expected to be on file.

Very truly yours,

  
Christopher B. Fisher  
Enclosure

C&F: 2946812.1

## NOTICE

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A replacement tower is being proposed by the Applicants to replace service that is currently being provided by a temporary tower at 220 Evergreen Street, which was approved in Petition 1169 by the Connecticut Siting Council. The temporary tower was approved as an interim measure due to the decommissioning of AT&T’s existing Facility located at 370 North Avenue (“HI HO Facility”). The replacement tower facility is proposed on property located at 220 Evergreen Street in Bridgeport. The proposed facility consists of a 135-foot tall self-supporting monopole tower and a 3,617.5 square foot tower compound along the parcel’s frontage on Evergreen Street. AT&T would install up to twelve (12) panel antennas and related equipment at a centerline height of 130’ above grade level (AGL) on the tower. A permanent 12’ x 20’ unmanned equipment shelter would be installed together with a back-up power generator in the compound. The proposed tower and equipment compound will be enclosed by an eight (8) foot tall fence. The compound and tower will be designed to accommodate space for two other carriers. Vehicular access to the facility will be provided from Evergreen Street over an existing access drive.

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White Plains, New York 10601  
(914) 761-1300  
Attorneys for the Applicants

January 5, 2016

**VIA FIRST CLASS MAIL**

Estate of Sarina Charris  
& Victor P. Charris  
274 River Street  
Bridgeport, CT 06604

Re: Blue Sky Towers, LLC (“Blue Sky”) and New Cingular Wireless PCS, LLC (“AT&T”)  
Proposed Wireless Telecommunications Tower Facility  
220 Evergreen Street, Bridgeport, Connecticut

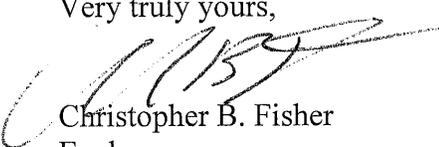
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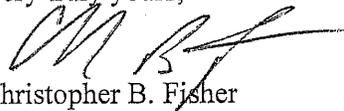
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(914) 761-1300  
Attorneys for the Applicants

January 5, 2016

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River Street Properties Inc.  
261 River Street  
Bridgeport, CT 06604

Re: Blue Sky Towers, LLC (“Blue Sky”) and New Cingular Wireless PCS, LLC (“AT&T”)  
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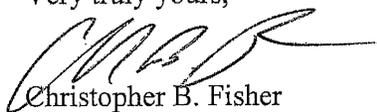
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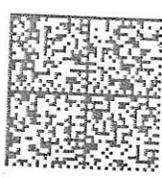
**CUDDY & FEDER**  
L.L.P.

ATTORNEYS AT LAW  
445 Hamilton Avenue, 14th Floor  
White Plains, New York 10601-1807

*Chris Tucker*

River Street Properties Inc.  
261 River Street  
Bridgeport, CT 06604

NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES



U.S. POSTAGE PITNEY BOWES  
ZIP 10601 \$000.485  
02 1W  
0001380792 JAN 05 2016

NIXIE 101 7E 1

RETURN TO SENDER  
ATTEMPTED - NOT KNOWN  
UNABLE TO FORWARD

BC: 10601187214

\*1358-08335-05-40

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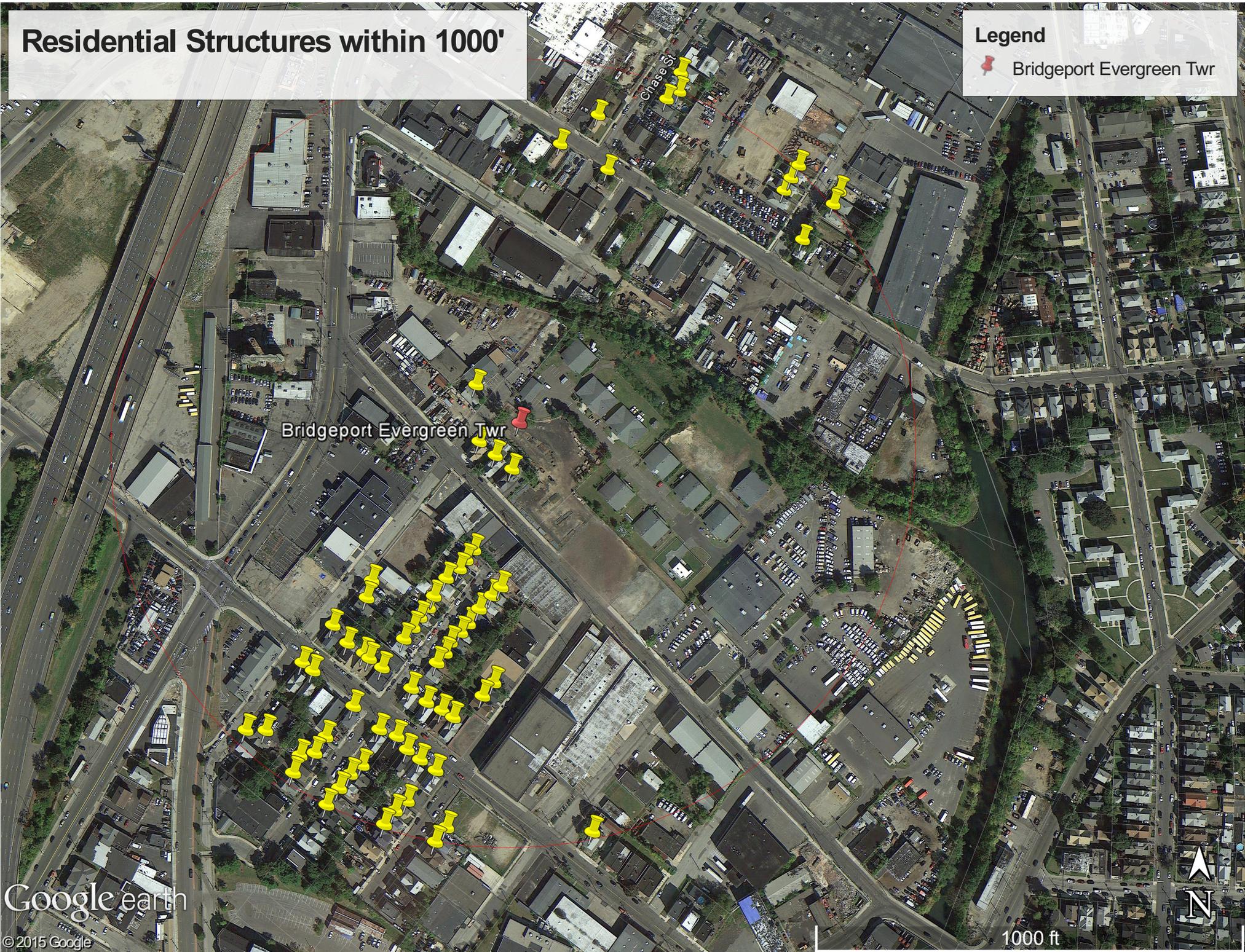


# ATTACHMENT 2

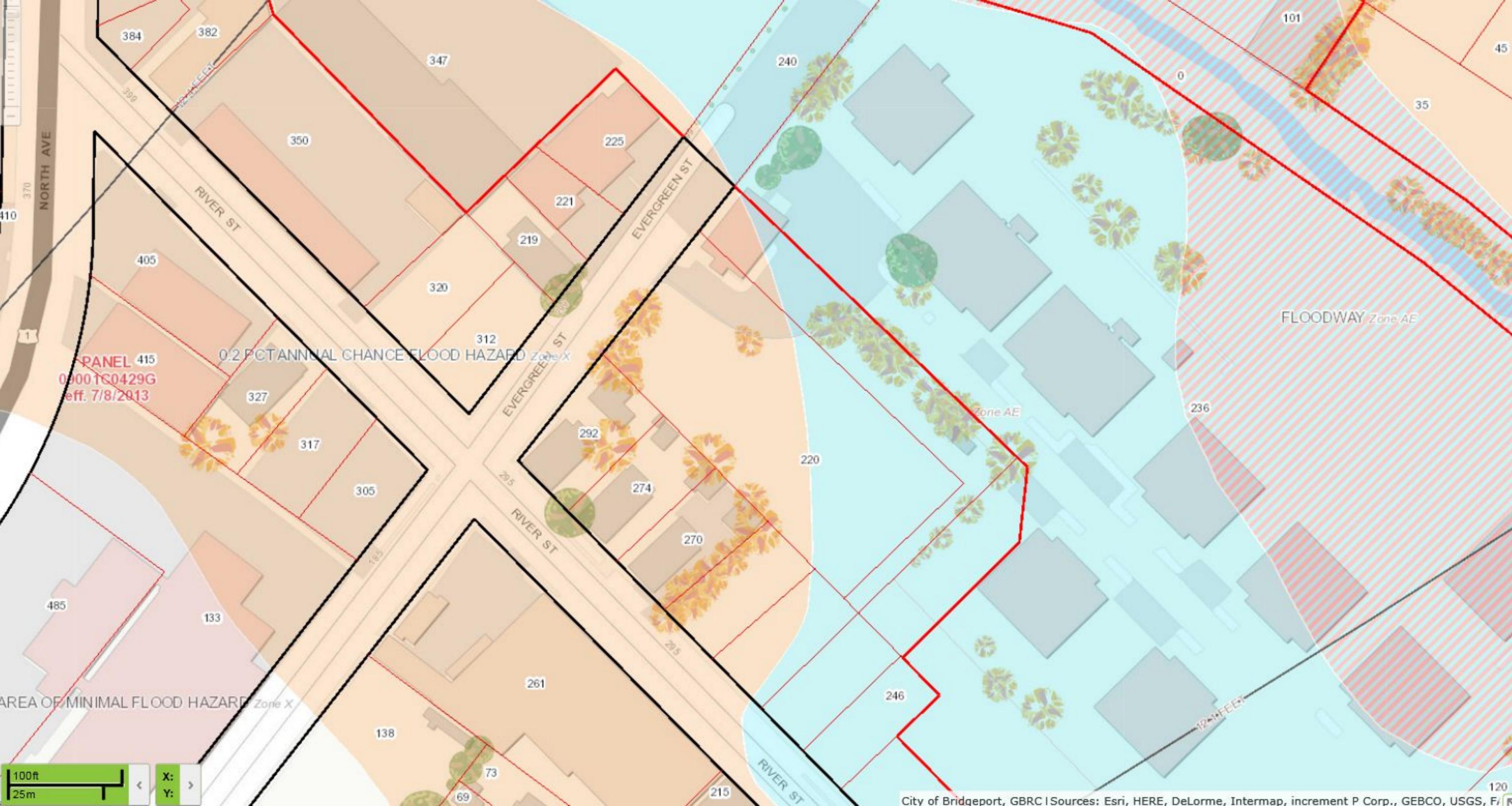
# Residential Structures within 1000'

**Legend**

-  Bridgeport Evergreen Twr



# ATTACHMENT 3



PANEL 415  
0001G0429G  
eff. 7/8/2013

0.2 PCT ANNUAL CHANCE FLOOD HAZARD Zone X

FLOODWAY Zone AE

Zone AE

AREA OF MINIMAL FLOOD HAZARD Zone X

100ft  
25m  
X: < >  
Y: < >

# ATTACHMENT 4

Attachment 4-Question 35

<b>700 MHz LTE Gap - Local Roads</b>	
Street Name	Length miles
Beardsley Rd	0.38
Chopsey Hill Rd	0.07
Glennwood Rd	0.06
River Rd	0.27

<b>1900 MHz LTE Gap - Local Roads</b>	
Street Name	Length miles
Amos St	0.05
Anson St	0.06
Ashley St	0.02
Beechmont Ave	0.16
Berkshire Ave	0.03
Capitol Ave	0.21
Catherine St	0.03
Center Street Ext	0.04
Charles St	0.23
Chase St	0.01
Chopsey Hill Rd	0.25
Colonial Ave	0.09
Commercial St	0.07
Concord St	0.04
Daisy Ct	0.02
Dean Pl	0.01
Ezra St	0.15
Fairview Ave	0.16
Fairview Avenue Ext	0.01
Federal St	0.16
Frank St	0.16
French St	0.05
Front St	0.15
Garfield Ave	0.05
Glennwood Rd	0.33
Glenwood Ave	0.09
Grand St	0.13
Gurdon St	0.28
Harmony St	0.02
Hart St	0.17
Harvard St	0.03
Hawley Ave	0.06
Hawthorne St	0.02
Hickory St	0.07
Hill St	0.06

Attachment 4-Question 35

Housatonic Ave	0.09
Hudson St	0.05
Hunting St	0.06
Huntington Rd	0.27
Hurd Ave	0.06
Island Brook Ave	0.21
Knowlton St	0.11
Lincoln Ave	0.09
Lindley St	0.49
Locust St	0.06
Madison Ave	0.04
Magnolia St	0.20
Main St	0.79
N Washington Ave	0.05
Noble Ave	0.20
North Ave	0.04
Olmstead St	0.10
Palm St	0.06
Parallel St	0.03
Parrott Ave	0.01
Porter St	0.15
Putnam St	0.03
River St	0.09
Rocton Ave	0.02
Roosevelt St	0.07
Rose St	0.07
Savoy St	0.03
Springdale St	0.12
Stillman St	0.03
Summit St	0.17
Sylvan Pl	0.10
Thompson St	0.17
Tom Thumb St	0.03
Tracy St	0.01
Twitchell St	0.05
Vernon St	0.03
Wallace St	0.04
Wells St	0.15
Westfield Ave	0.05
Wheeler Ave	0.08
Whitney Ave	0.05
William St	0.09

<b>1900 MHz LTE Gap - Local Roads</b>
---------------------------------------

Attachment 4-Question 35

Street Name	Length miles
Abbott St	0.02
Alice St	0.01
Amos St	0.04
Amsterdam Ave	0.01
Anson St	0.19
Ashley St	0.03
Autumn St	0.06
Beardsley Rd	0.89
Beecher St	0.07
Beechwood Ave	0.01
Beers St	0.06
Berkshire Ave	0.19
Berkshire Pl	0.01
Boston Ave	0.05
Bradley St	0.11
Bronx Ave	0.08
Brooks St	0.14
Calvert Pl	0.01
Capitol Ave	0.23
Catherine St	0.24
Center St	0.25
Center Street Ext	0.10
Chamberlain Ave	0.01
Chamberlain Pl	0.01
Charles St	0.29
Chase St	0.08
Chestnut St	0.10
Chopsey Hill Rd	0.38
Cityview Ave	0.05
Colonial Ave	0.09
Colony St	0.01
Commercial St	0.08
Concord St	0.16
Crown St	0.02
Daisy Ct	0.02
Dean Pl	0.09
E Main St	0.25
E Thorne St	0.03
Earl Ave	0.06
Essex St	0.10
Evergreen St	0.07
Ezra St	0.23
Fairmount Ave	0.13
Fairview Ave	0.05

Attachment 4-Question 35

Fairview Avenue Ext	0.07
Federal St	0.21
Francis St	0.03
Frank St	0.19
French St	0.07
Front St	0.18
Funston Ave	0.08
Garfield Ave	0.22
Gem Ave	0.05
Glennwood Rd	0.36
Glenwood Ave	0.23
Goddard Ave	0.16
Goodsell St	0.09
Grand St	0.35
Grandview Ave	0.02
Greenwood St	0.02
Gurdon St	0.18
Gustave St	0.06
Hadley St	0.08
Harlem Ave	0.01
Harmony St	0.08
Harral Ave	0.18
Hart St	0.13
Harvard St	0.01
Hawley Ave	0.32
Hawthorne St	0.08
Herbert St	0.04
Hickory St	0.05
Highland Ave	0.04
Hill St	0.07
Horace St	0.12
Housatonic Ave	0.17
Houston Ave	0.06
Hudson St	0.05
Hunting St	0.16
Huntington Rd	0.61
Hurd Ave	0.17
Infield St	0.03
Iranistan Ave	0.11
Island Brook Ave	0.32
James St	0.06
Knowlton St	0.13
Kossuth St	0.27
Lakeview Ave	0.07
Lane Ave	0.01

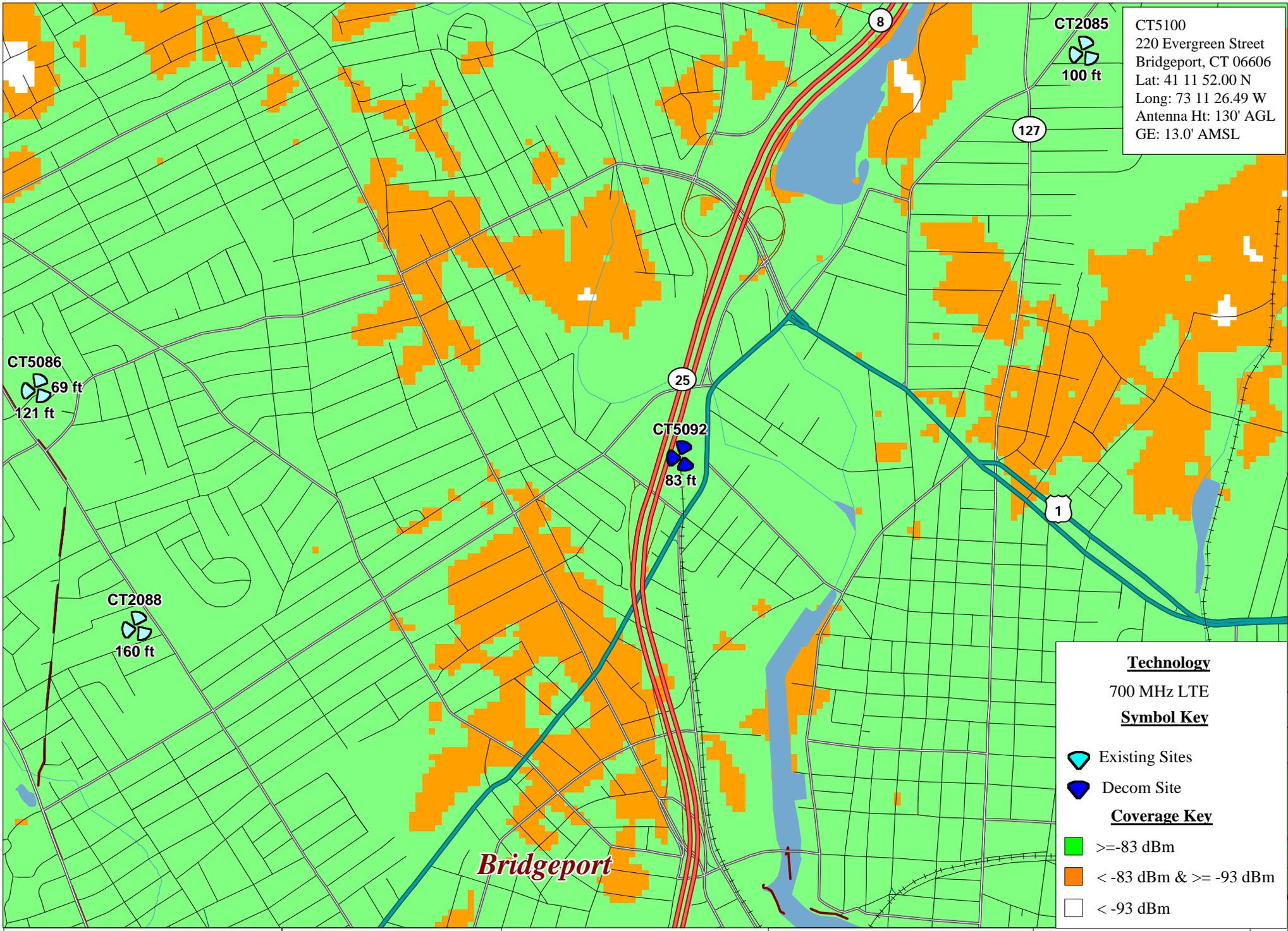
Attachment 4-Question 35

Lansing Ave	0.04
Lexington Ave	0.07
Lincoln Ave	0.25
Lindley St	0.39
Linen Ave	0.04
Locust St	0.05
Lorraine St	0.09
Madison Ave	0.40
Madison Ct	0.05
Madison Ter	0.04
Magnolia St	0.13
Main St	0.65
Manhattan Ave	0.01
Maplewood Ave	0.07
Marion St	0.12
Marshall Ave	0.14
Mcadoo Ave	0.05
Morningside Dr	0.13
N Quarry St	0.04
N Washington Ave	0.19
Noble Ave	0.50
Oak St	0.13
Ogden St	0.06
Old Town Rd	0.21
Olmstead St	0.07
Orchard St	0.09
Palm St	0.08
Parallel St	0.02
Park Ave	0.08
Park St	0.38
Parkview Ave	0.05
Parrott Ave	0.18
Pearl St	0.26
Pembroke St	0.11
Pequonnock St	0.13
Polk Pl	0.09
Polk St	0.11
Pond St	0.13
Putnam St	0.27
Quarry St	0.05
Quince St	0.03
Randall Ave	0.05
Remer St	0.05
Reservoir Ave	0.05
River Rd	0.60

Attachment 4-Question 35

River St	0.20
Roosevelt St	0.15
Rose St	0.18
Salem St	0.11
Sedgewick St	0.08
Silliman Pl	0.05
Slawson St	0.01
Soundview Ave	0.27
Spring St	0.28
Springdale St	0.12
Stevens St	0.01
Stillman St	0.10
Summit St	0.17
Sylvan Ave	0.21
Sylvan Pl	0.10
Sylvan St	0.16
Thompson St	0.20
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Tracy St	0.02
Trumbull Rd	0.01
Turner St	0.01
Twitchell St	0.05
Vernon St	0.04
Wallace St	0.12
Wayne St	0.06
Wells St	0.22
Westfield Ave	0.02
Westmere St	0.06
Wheeler Ave	0.23
Whitney Ave	0.18
Wilkins Ave	0.03
William St	0.44
Wilson Ave	0.10
Winton St	0.08
York St	0.01

# ATTACHMENT 5



**CT5100**  
 220 Evergreen Street  
 Bridgeport, CT 06606  
 Lat: 41 11 52.00 N  
 Long: 73 11 26.49 W  
 Antenna Ht: 130' AGL  
 GE: 13.0' AMSL

**CT5086**  
 69 ft  
 121 ft

**CT2088**  
 160 ft

**CT5092**  
 83 ft

**CT2085**  
 100 ft

**Technology**  
 700 MHz LTE

**Symbol Key**

- Existing Sites
- Decom Site

**Coverage Key**

- >=-83 dBm
- <-83 dBm & >=-93 dBm
- <-93 dBm

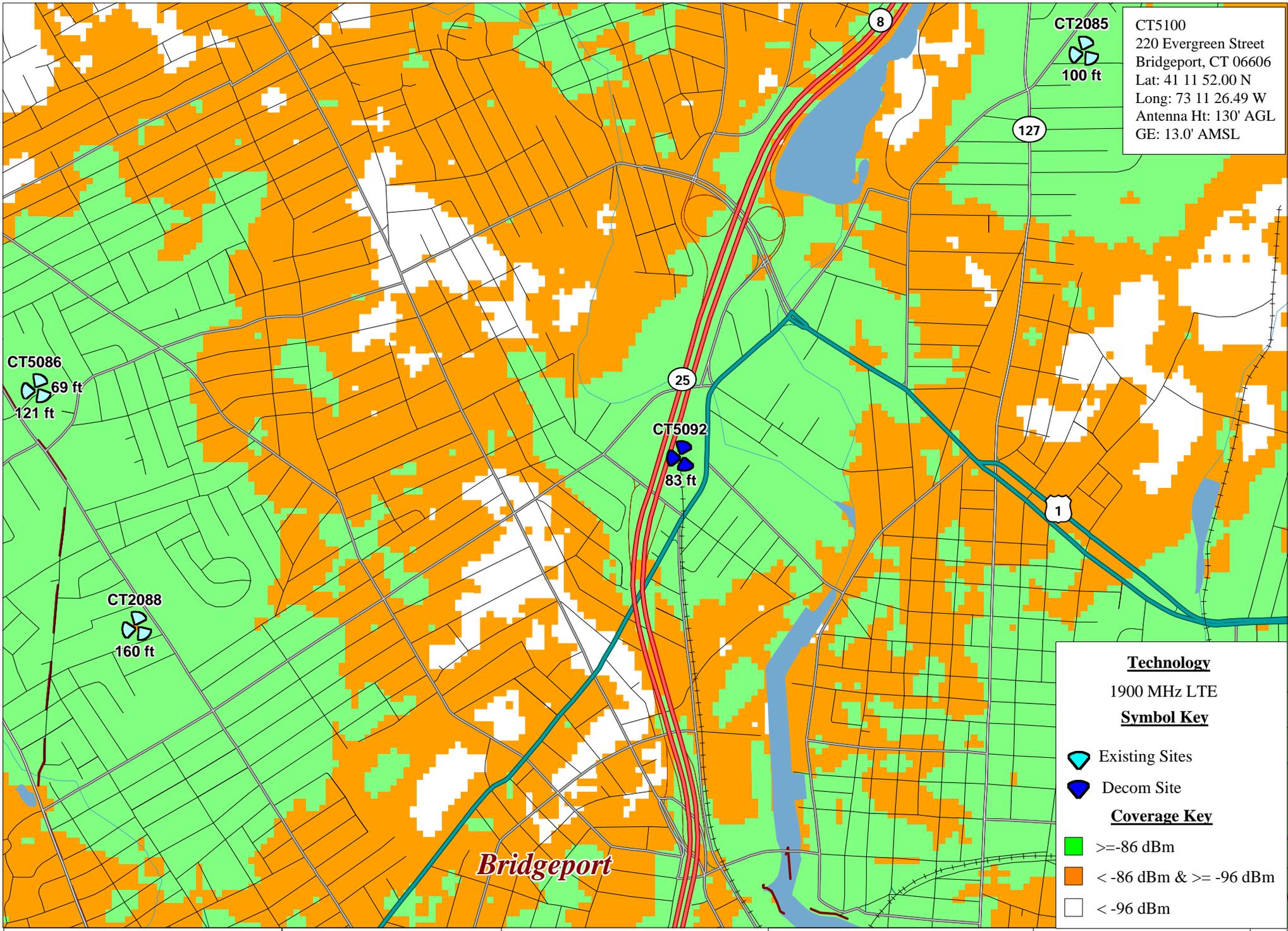
**Existing 700 MHz LTE Coverage with CT5092 On-Air**

**Bridgeport, CT**

**220 Evergreen Street  
 Bridgeport, CT**



PREPARED ON \_\_\_\_\_  
 DATE: 02/02/2016  
 REV 0



**CT5100**  
 220 Evergreen Street  
 Bridgeport, CT 06606  
 Lat: 41 11 52.00 N  
 Long: 73 11 26.49 W  
 Antenna Ht: 130' AGL  
 GE: 13.0' AMSL

**CT5086**  
 69 ft  
 121 ft

**CT2088**  
 160 ft

**CT5092**  
 83 ft

**CT2085**  
 100 ft

**Technology**  
 1900 MHz LTE

**Symbol Key**

- Existing Sites
- Decom Site

**Coverage Key**

- >=-86 dBm
- <-86 dBm & >=-96 dBm
- <-96 dBm

Existing 1900 MHz LTE  
 Coverage with CT5092 On-Air

**Bridgeport, CT**

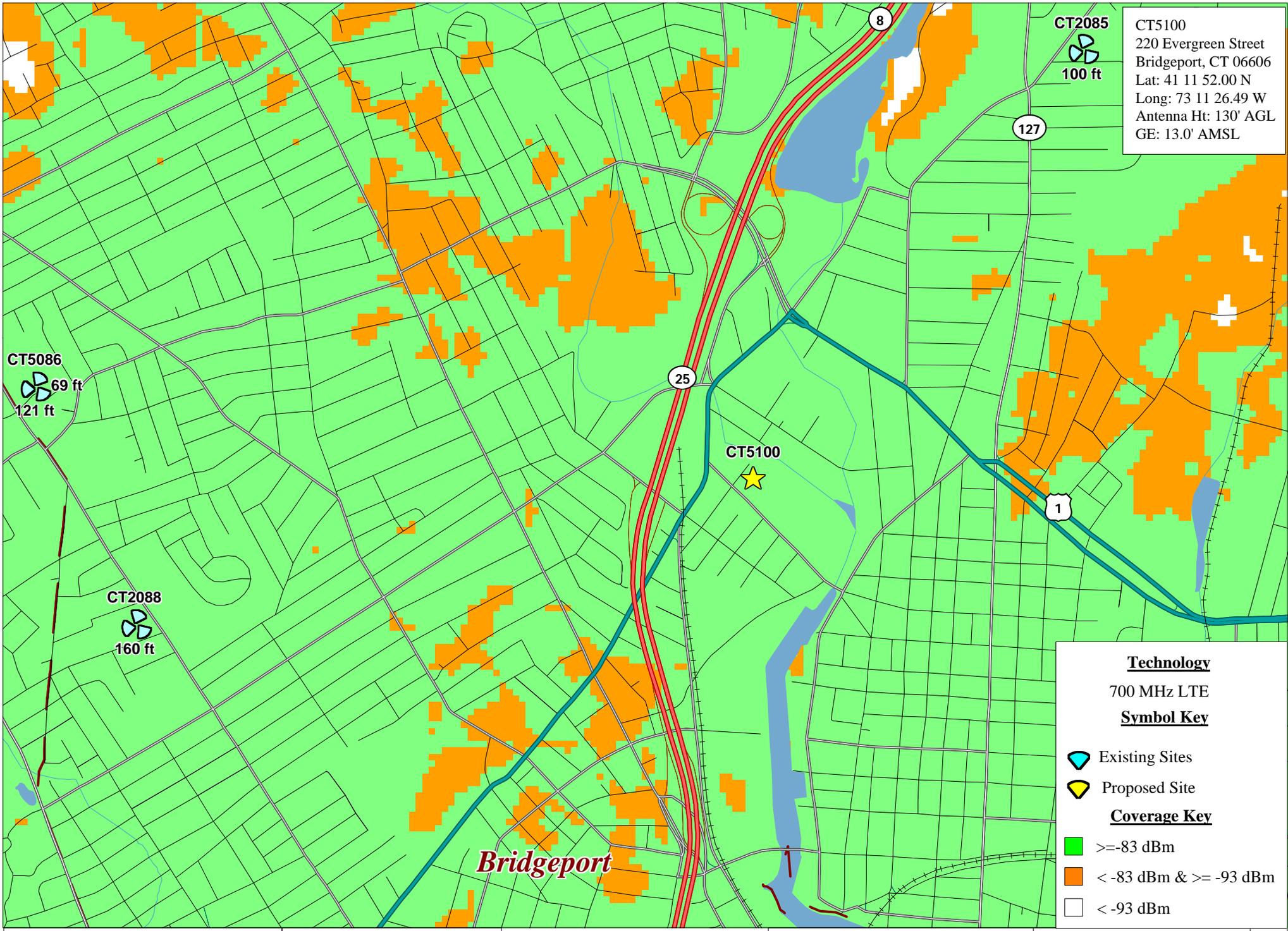
220 Evergreen Street  
 Bridgeport, CT



PREPARED ON \_\_\_\_\_  
 DATE: 02/02/2016

REV 0

# ATTACHMENT 6



CT5100  
 220 Evergreen Street  
 Bridgeport, CT 06606  
 Lat: 41 11 52.00 N  
 Long: 73 11 26.49 W  
 Antenna Ht: 130' AGL  
 GE: 13.0' AMSL

CT2085  
  
 100 ft

CT5086  
  
 69 ft  
 121 ft

CT2088  
  
 160 ft

**Technology**  
 700 MHz LTE

**Symbol Key**

-  Existing Sites
-  Proposed Site

**Coverage Key**

-   $\geq -83$  dBm
-   $< -83$  dBm &  $\geq -93$  dBm
-   $< -93$  dBm

Existing 700 MHz LTE Coverage  
 with Proposed Site @ 120' AGL

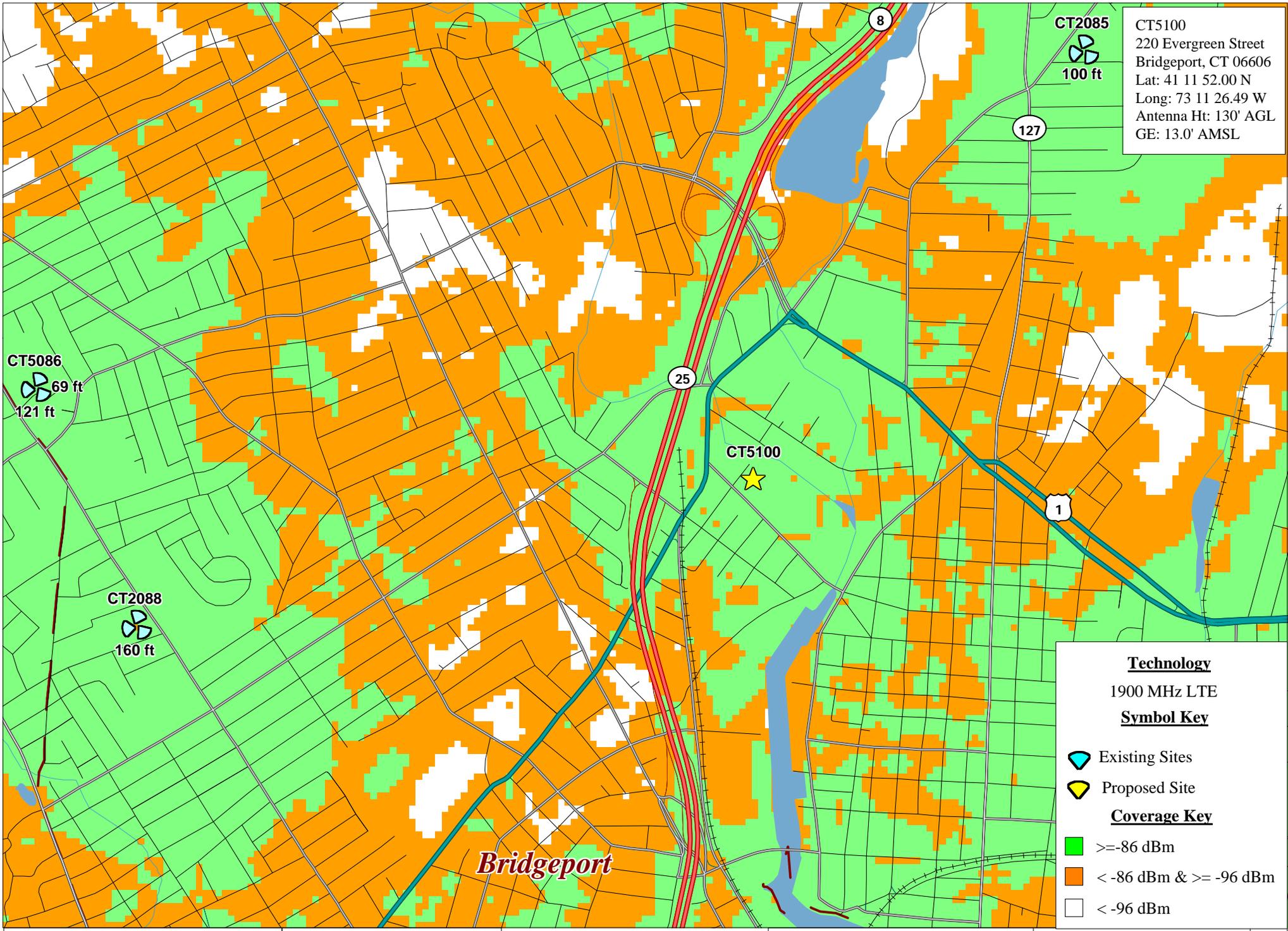
**Bridgeport, CT**

220 Evergreen Street  
 Bridgeport, CT



PREPARED ON \_\_\_\_\_  
 DATE: 02/02/2016

REV  
 0



**CT5100**  
 220 Evergreen Street  
 Bridgeport, CT 06606  
 Lat: 41 11 52.00 N  
 Long: 73 11 26.49 W  
 Antenna Ht: 130' AGL  
 GE: 13.0' AMSL

**CT5086**  
 69 ft  
 121 ft

**CT2088**  
 160 ft

**CT5100**

**Technology**  
1900 MHz LTE

**Symbol Key**

- Existing Sites
- Proposed Site

**Coverage Key**

- >=-86 dBm
- <-86 dBm & >=-96 dBm
- <-96 dBm

Existing 1900 MHz LTE Coverage with Proposed Site @ 120' AGL

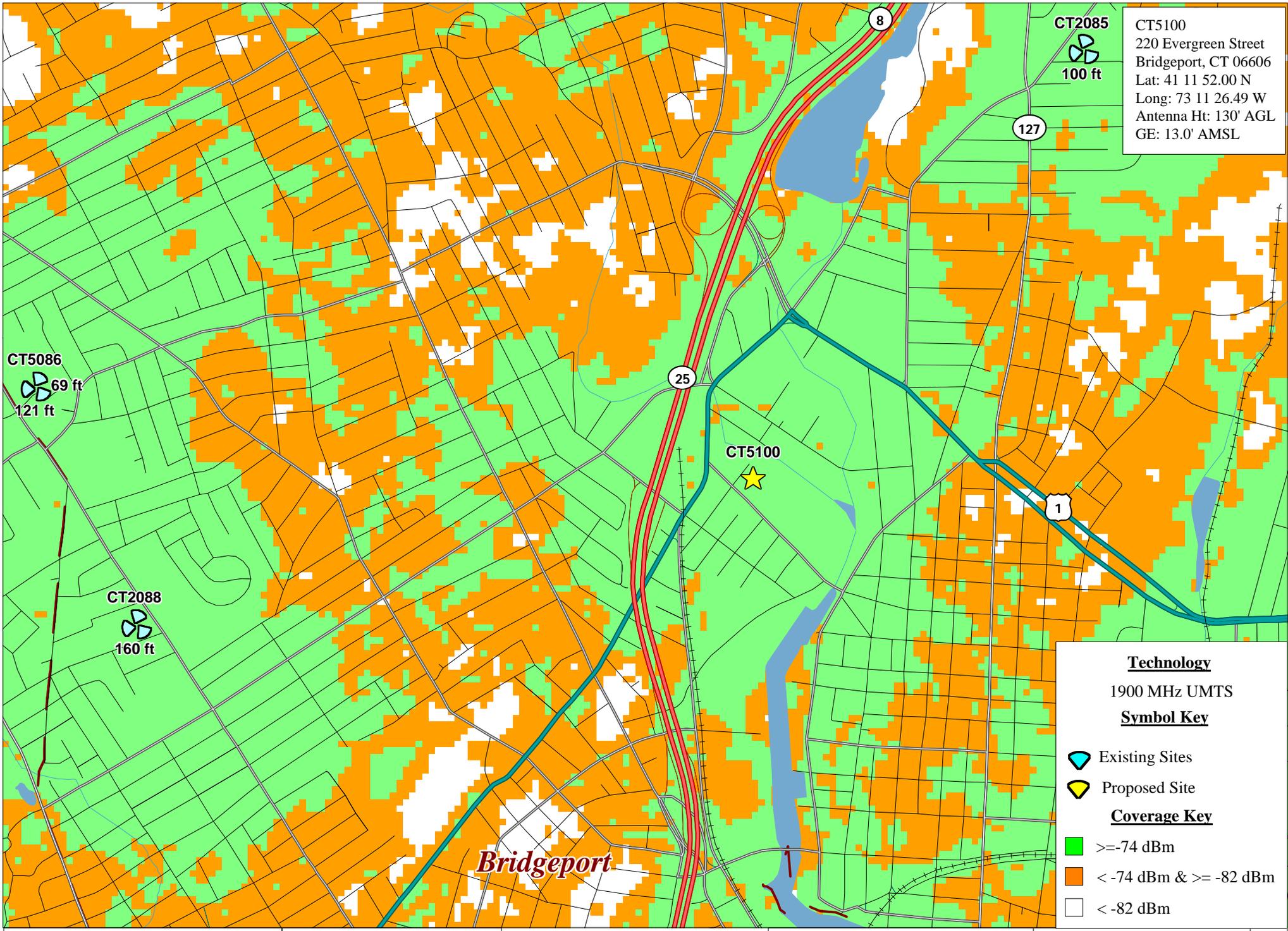
**Bridgeport, CT**

220 Evergreen Street  
Bridgeport, CT



PREPARED ON \_\_\_\_\_  
 DATE: 02/02/2016

REV 0



**CT5100**  
 220 Evergreen Street  
 Bridgeport, CT 06606  
 Lat: 41 11 52.00 N  
 Long: 73 11 26.49 W  
 Antenna Ht: 130' AGL  
 GE: 13.0' AMSL

**CT5086**  
 69 ft  
 121 ft

**CT2088**  
 160 ft

**Technology**  
1900 MHz UMTS

**Symbol Key**

- Existing Sites
- Proposed Site

**Coverage Key**

- >=-74 dBm
- <-74 dBm & >=-82 dBm
- <-82 dBm

Existing 1900 MHz UMTS Coverage with Proposed Site @ 120' AGL

**Bridgeport, CT**

220 Evergreen Street  
Bridgeport, CT



PREPARED ON	
DATE: 02/02/2016	REV 0

# ATTACHMENT 7

Attachment 7-Question 40

<b>Local Roads - 700 MHz LTE - Proposed</b>	
<b>Street Name</b>	<b>Length miles</b>
Beardsley Rd	0.28
Chopsey Hill Rd	0.07
Glennwood Rd	0.06
River Rd	0.07

<b>Local Roads - 700 MHz LTE - 10 ft below Proposed</b>	
<b>Street Name</b>	<b>Length (miles)</b>
Beardsley Rd	0.24
Chopsey Hill Rd	0.07
Glennwood Rd	0.06
River Rd	0.02

## Attachment 7-Question 40

<b>Local Roads - 1900 MHz LTE - Proposed</b>	
Street Name	Length miles
Amos St	0.03
Anson St	0.06
Ashley St	0.02
Asylum St	0.05
Balsam Ave	0.04
Beardsley Rd	0.11
Beardsley St	0.01
Beechmont Ave	0.02
Berkshire Ave	0.03
Bradley St	0.07
Calvert Pl	0.02
Capitol Ave	0.21
Carlson Ave	0.03
Catherine St	0.05
Center Street Ext	0.04
Charles St	0.23
Chase St	0.01
Chopsey Hill Rd	0.25
Cogswell St	0.01
Colonial Ave	0.09
Commercial St	0.07
Concord St	0.04
Crown St	0.02
Daisy Ct	0.01
Dayton Rd	0.01
Dean Pl	0.01
Dodd Ave	0.02
E Main St	0.02
Essex St	0.03
Ezra St	0.11
Fairview Ave	0.17
Fairview Avenue Ext	0.01
Federal St	0.16
Fifth St	0.01
Frank St	0.12
French St	0.05
Front St	0.15
Garfield Ave	0.05
Glennwood Rd	0.33
Glenwood Ave	0.09
Goddard Ave	0.08

Attachment 7-Question 40

Grand St	0.11
Gurdon St	0.28
Hart St	0.17
Harvard St	0.03
Hawley Ave	0.06
Hawthorne St	0.02
Hickory St	0.07
Hill St	0.06
Hollywood Ave	0.09
Horace St	0.16
Housatonic Ave	0.09
Hudson St	0.05
Hunting St	0.06
Huntington Rd	0.27
Hurd Ave	0.06
Island Brook Ave	0.21
Kent St	0.02
Knowlton St	0.11
Lakeview Ave	0.06
Lincoln Ave	0.09
Lindley St	0.41
Locust St	0.06
Madison Ave	0.05
Magnolia St	0.20
Main St	0.63
Merritt Pkwy	0.03
N Washington Ave	0.05
Newfield Ave	0.01
Noble Ave	0.20
North Ave	0.04
Olmstead St	0.10
Palm St	0.06
Parallel St	0.03
Parrott Ave	0.01
Polk St	0.01
Porter St	0.15
Putnam St	0.03
River St	0.09
Rockland St	0.04
Roosevelt St	0.07
Rose St	0.07
Savoy St	0.03
Smith St	0.06
Springdale St	0.03
Stillman St	0.03

Attachment 7-Question 40

Stratford Ave	0.01
Summit St	0.13
Sylvan Ave	0.09
Sylvan Pl	0.10
Thompson St	0.15
Tom Thumb St	0.03
Tracy St	0.01
Twitchell St	0.05
Vernon St	0.03
Wallace St	0.04
Wells St	0.15
Westfield Ave	0.02
Westmere St	0.03
Wheeler Ave	0.06
Whitney Ave	0.05
Wilkins Ave	0.05
William St	0.09
Winter St	0.02

<b>Local Roads - 1900 MHz LTE - 10 ft below Proposed</b>	
Street Name	Length (miles)
Amos St	0.03
Anson St	0.06
Ashley St	0.02
Asylum St	0.03
Balsam Ave	0.04
Beardsley Rd	0.10
Berkshire Ave	0.03
Bradley St	0.06
Calvert Pl	0.04
Capitol Ave	0.21
Carlson Ave	0.02
Catherine St	0.03
Center Street Ext	0.04
Charles St	0.23
Chase St	0.01
Chopsey Hill Rd	0.25
Colonial Ave	0.09
Commercial St	0.06
Concord St	0.04
Crown St	0.02
Dean Pl	0.01
Dodd Ave	0.02
E Main St	0.02
Essex St	0.03
Ezra St	0.11
Fairview Ave	0.15
Fairview Avenue Ext	0.01
Federal St	0.16
Frank St	0.09
French St	0.05
Front St	0.15
Garfield Ave	0.05
Glennwood Rd	0.33
Glenwood Ave	0.09
Goddard Ave	0.06
Grand St	0.11
Gurdon St	0.27
Hart St	0.17
Harvard St	0.03
Hawley Ave	0.06

Attachment 7-Question 40

Hawthorne St	0.02
Hickory St	0.07
Hill St	0.06
Hollywood Ave	0.01
Horace St	0.16
Housatonic Ave	0.09
Hudson St	0.05
Hunting St	0.06
Huntington Rd	0.27
Hurd Ave	0.06
Island Brook Ave	0.21
Kent St	0.02
Knowlton St	0.11
Lakeview Ave	0.06
Lincoln Ave	0.09
Lindley St	0.39
Locust St	0.06
Madison Ave	0.04
Magnolia St	0.20
Main St	0.57
Merritt Pkwy	0.01
N Washington Ave	0.05
Noble Ave	0.20
North Ave	0.04
Olmstead St	0.10
Palm St	0.06
Parallel St	0.03
Parrott Ave	0.01
Polk St	0.01
Porter St	0.15
Putnam St	0.03
River St	0.09
Rockland St	0.01
Roosevelt St	0.07
Rose St	0.07
Savoy St	0.03
Springdale St	0.02
Stillman St	0.03
Summit St	0.11
Sylvan Ave	0.09
Sylvan Pl	0.10
Thompson St	0.12
Tom Thumb St	0.03
Tracy St	0.01
Twitchell St	0.05

Attachment 7-Question 40

Vernon St	0.03
Wallace St	0.04
Wells St	0.15
Westfield Ave	0.02
Wheeler Ave	0.04
Whitney Ave	0.05
Wilkins Ave	0.05
William St	0.09

<b>Local Roads - 1900 MHz UMTS - Proposed</b>	
Street Name	Length miles
Alice St	0.01
Amos St	0.02
Anson St	0.16
Ashley St	0.03
Autumn St	0.06
Beardsley Rd	0.10
Beecher St	0.07
Beers St	0.04
Berkshire Ave	0.19
Berkshire Pl	0.01
Boston Ave	0.05
Bradley St	0.11
Bronx Ave	0.08
Brooks St	0.14
Capitol Ave	0.22
Catherine St	0.05
Center Street Ext	0.08
Chamberlain Pl	0.01
Charles St	0.29
Chase St	0.08
Chopsey Hill Rd	0.38
Colonial Ave	0.09
Commercial St	0.07
Concord St	0.16
Crown St	0.02
Dean Pl	0.09
E Main St	0.25
Essex St	0.10
Evergreen St	0.07
Ezra St	0.09
Fairmount Ave	0.13
Fairview Ave	0.03
Fairview Avenue Ext	0.07
Federal St	0.21
Francis St	0.01
Frank St	0.03
French St	0.07
Front St	0.18
Garfield Ave	0.22
Gem Ave	0.05
Glennwood Rd	0.36

Attachment 7-Question 40

Glenwood Ave	0.23
Goddard Ave	0.11
Goodsell St	0.09
Grand St	0.15
Gurdon St	0.13
Gustave St	0.03
Hadley St	0.08
Harlem Ave	0.01
Hart St	0.08
Harvard St	0.01
Hawley Ave	0.32
Hawthorne St	0.08
Herbert St	0.04
Hickory St	0.05
Hill St	0.07
Horace St	0.12
Housatonic Ave	0.17
Hudson St	0.05
Hunting St	0.10
Huntington Rd	0.61
Hurd Ave	0.17
Island Brook Ave	0.32
Knowlton St	0.13
Kossuth St	0.27
Lakeview Ave	0.07
Lincoln Ave	0.25
Lindley St	0.24
Locust St	0.05
Madison Ave	0.30
Madison Ct	0.05
Madison Ter	0.04
Magnolia St	0.13
Main St	0.51
Manhattan Ave	0.01
Marion St	0.09
Merritt Pkwy	0.01
Morningside Dr	0.13
N Washington Ave	0.19
Noble Ave	0.50
Ogden St	0.06
Olmstead St	0.07
Orchard St	0.09
Palm St	0.08
Parallel St	0.02
Park St	0.38

Attachment 7-Question 40

Parkview Ave	0.05
Parrott Ave	0.18
Pearl St	0.26
Pembroke St	0.08
Polk Pl	0.06
Polk St	0.06
Pond St	0.13
Putnam St	0.27
Randall Ave	0.05
Remer St	0.05
River St	0.20
Roosevelt St	0.15
Rose St	0.18
Salem St	0.11
Sedgewick St	0.08
Silliman Pl	0.05
Spring St	0.28
Stillman St	0.10
Summit St	0.09
Sylvan Ave	0.01
Sylvan Pl	0.10
Thompson St	0.12
Tom Thumb St	0.05
Tracy St	0.02
Turner St	0.01
Twitchell St	0.05
Vernon St	0.04
Wallace St	0.12
Wayne St	0.02
Wells St	0.22
Wheeler Ave	0.17
Whitney Ave	0.18
Wilkins Ave	0.03
William St	0.44
Winton St	0.08
York St	0.01

## Attachment 7-Question 40

<b>Local Roads - 1900 MHz UMTS - 10 ft below Proposed</b>	
Street Name	Length miles
Alice St	0.01
Amos St	0.01
Anson St	0.15
Ashley St	0.03
Autumn St	0.03
Beardsley Rd	0.09
Beecher St	0.07
Beers St	0.02
Berkshire Ave	0.19
Berkshire Pl	0.01
Boston Ave	0.05
Bradley St	0.11
Bronx Ave	0.08
Brooks St	0.12
Capitol Ave	0.22
Catherine St	0.03
Center Street Ext	0.07
Chamberlain Pl	0.01
Charles St	0.29
Chase St	0.08
Chopsey Hill Rd	0.38
Colonial Ave	0.09
Commercial St	0.06
Concord St	0.16
Crown St	0.02
Dean Pl	0.09
E Main St	0.24
Essex St	0.10
Evergreen St	0.07
Ezra St	0.09
Fairmount Ave	0.13
Fairview Ave	0.03
Fairview Avenue Ext	0.07
Federal St	0.21
Francis St	0.01
Frank St	0.01
French St	0.07
Front St	0.18
Garfield Ave	0.21
Gem Ave	0.05
Glennwood Rd	0.36

Attachment 7-Question 40

Glenwood Ave	0.23
Goddard Ave	0.07
Goodsell St	0.06
Grand St	0.15
Gurdon St	0.13
Gustave St	0.05
Hadley St	0.08
Harlem Ave	0.01
Hart St	0.08
Hawley Ave	0.30
Hawthorne St	0.08
Herbert St	0.04
Hickory St	0.05
Hill St	0.07
Horace St	0.12
Housatonic Ave	0.17
Hudson St	0.05
Hunting St	0.09
Huntington Rd	0.61
Hurd Ave	0.17
Island Brook Ave	0.32
Knowlton St	0.13
Kossuth St	0.27
Lakeview Ave	0.07
Lincoln Ave	0.25
Lindley St	0.23
Locust St	0.05
Madison Ave	0.26
Madison Ct	0.05
Madison Ter	0.04
Magnolia St	0.13
Main St	0.42
Manhattan Ave	0.01
Marion St	0.09
Morningside Dr	0.13
N Washington Ave	0.19
Noble Ave	0.50
Ogden St	0.06
Olmstead St	0.07
Orchard St	0.07
Palm St	0.08
Parallel St	0.02
Park St	0.38
Parkview Ave	0.05
Parrott Ave	0.18

Attachment 7-Question 40

Pearl St	0.26
Pembroke St	0.08
Polk Pl	0.04
Polk St	0.03
Pond St	0.12
Putnam St	0.26
Randall Ave	0.05
Remer St	0.05
River St	0.20
Roosevelt St	0.15
Rose St	0.18
Salem St	0.11
Sedgewick St	0.08
Silliman Pl	0.05
Spring St	0.26
Stillman St	0.10
Summit St	0.08
Sylvan Ave	0.01
Sylvan Pl	0.10
Thompson St	0.12
Tom Thumb St	0.05
Tracy St	0.02
Turner St	0.01
Twitchell St	0.05
Vernon St	0.04
Wallace St	0.12
Wayne St	0.01
Wells St	0.22
Wheeler Ave	0.17
Whitney Ave	0.18
Wilkins Ave	0.01
William St	0.44
Winton St	0.08
York St	0.01

# ATTACHMENT 8



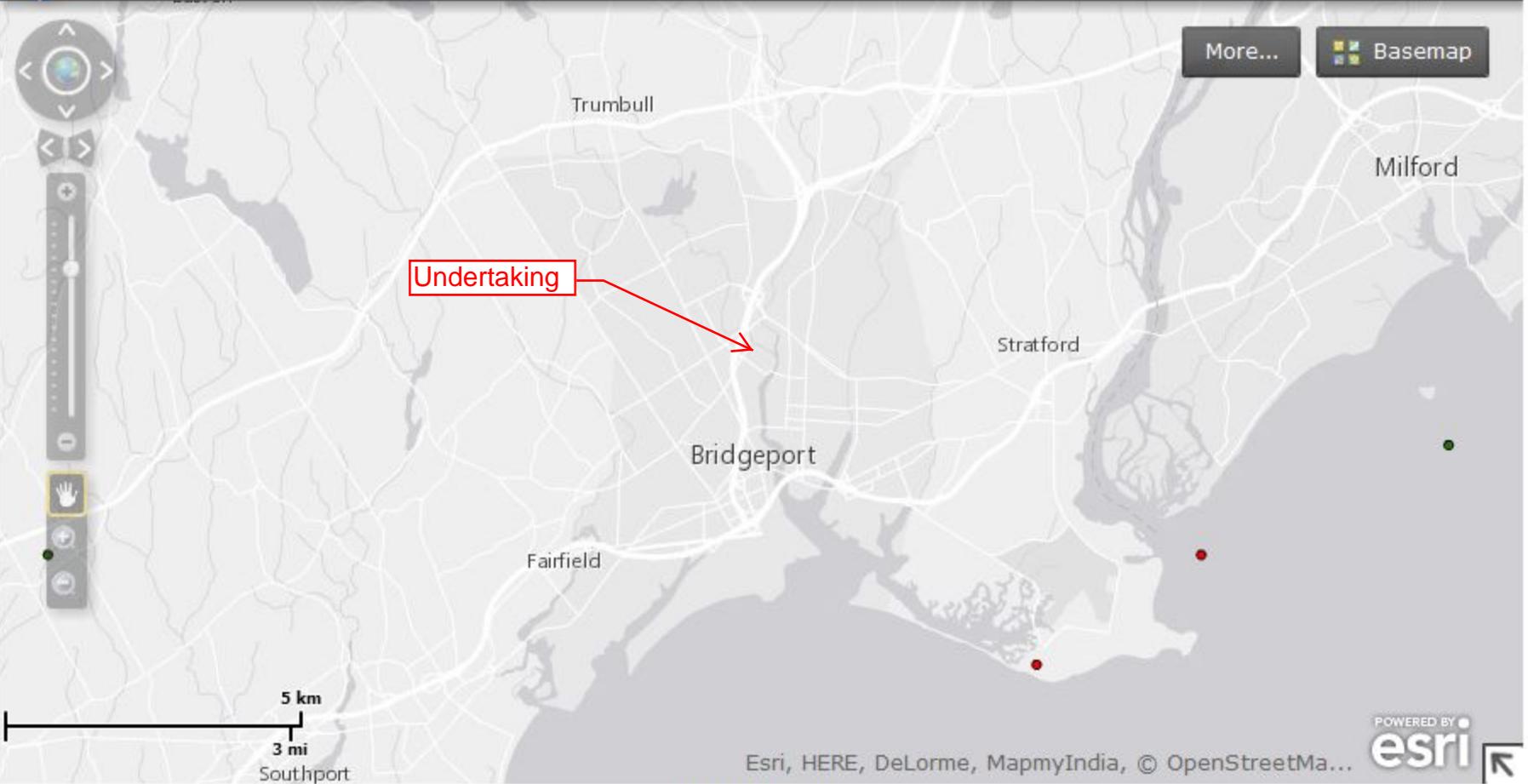
# Audubon

## Important Bird Areas

Click on a dot to view IBA Details; double-click anywhere on the map to zoom in; slide the thumb up or drag the mouse to zoom in and down to zoom out;

● -Global ● -Continental ● -State ● -N/A

 **Important Bird Areas**  [About](#)



Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMa...



[View Large Map](#)

# ATTACHMENT 9

## Noise Evaluation Report

BlueSky Tower Partners LLC  
A Proposed AT&T Equipment Shelter  
And An Emergency Generator  
Site Number: CT5020  
Site Name: Evergreen Street  
220 Evergreen Street  
Bridgeport, CT 06606

January 28, 2016

Prepared For:  
Douglas Roberts  
Hudson Design Group LLC  
110 Washington Avenue  
Fourth Floor  
North Haven, CT 06473

Prepared By:  
Allan Smardin  
HMB Acoustics LLC  
3 Cherry Tree Lane  
Avon, CT 06001

## **Introduction**

The site location is generally a mixed Industrial and residential area. On January 27, 2016, existing background noise levels were taken at the site, and at adjacent areas. BlueSky Tower has proposed a facility to be located at 220 Evergreen Street, Bridgeport, CT. The proposed site, CT5020, will include an equipment shelter and a Generac 50 kw emergency generator set in a level 2 sound enclosure. The average existing background noise level was 50-55 dBA.

The shelter maintains two exterior wall mounted air-conditioning units to cool the radio equipment. The emergency generator runs only when commercial power to the site is interrupted. The purpose of this evaluation is to determine whether the generator and air-conditioners will comply with the State of CT Noise Regulations.

It is important to note that the back-up generator operates approximately 15-20 minutes each week for testing. All testing is done during the daytime hours. Other than these testing periods, the generator runs only in times of emergency, when commercial power to the facility is interrupted. Typically, only one of the two air-conditioner units operates at any one time. This report and the noise regulations utilize a dBA scale. This scale is used because it closely approximates the response characteristic of the human ear to loudness, and is the scale most commonly used in the measurement of community noise.

## **Noise Regulations**

The State of CT has enacted regulations which limit the amount of noise which may be transferred from one property to another. In pertinent part, the Regulations provide as follows: Daytime Hours - The hours between 7 a.m. and 10 p.m. local time.

Nighttime Hours - The hours between 10 p.m. and 7 a.m. local time.

Allowable noise levels projected to the Receptor's property line:

The allowable noise level from a Class "C" Industrial Zone Emitter to an Industrial Zone Receptor is 70 dBA day / night.

(Sec.22a-69-3.5 (a).

The allowable noise level from a Class "C" Industrial Zone Emitter to a Class "A" Residential Receptor is 61 dBA (daytime) and 51 dBA (nighttime).

(Sec. 22a-69-3.5(a).

Exemptions -

"Noise created as a result of, or relating to an emergency."

(Sec. 22a-69-1.8(f).

### **Noise Evaluation Results**

The noise levels listed below take into account the effect of acoustical shielding provided by other structures on the property. The levels have been projected to the nearest property lines in the directions listed.

	Generator + 1 HVAC Unit (dBA) Projected Day / Night
North (Industrial)	60
South (Industrial)	61
East (Residential)	51
West (Residential)	65

The data demonstrates that the emergency generator and air conditioners are in compliance in the North, South, and East directions. However, the generator and air conditioning units do not comply with the noise regulations in the West direction.

### **Acoustical Recommendations**

In order to comply with the noise regulations, I recommend the following:

Install 2 inch thick Sound Seal BBC-EXT-R-2" Exterior Absorber Composite on the inside of a 6 foot high chain link fence. Install it from the top of the fence to the bottom. Install the material along the West property line, 12 feet long, between the generator and the property line - with a 2 foot overhang front to rear. Also, along the West property line, install the same material 8 feet from the equipment shelter air-conditioning units to the intersection of the West and South property lines.

If 2 air-conditioners were running simultaneously with the generator, a 2 dBA increase would be expected.

I have emailed manufacturer's information to you separately that will follow your receipt of this report.

# Sound Absorption Baffles & Wall Panels



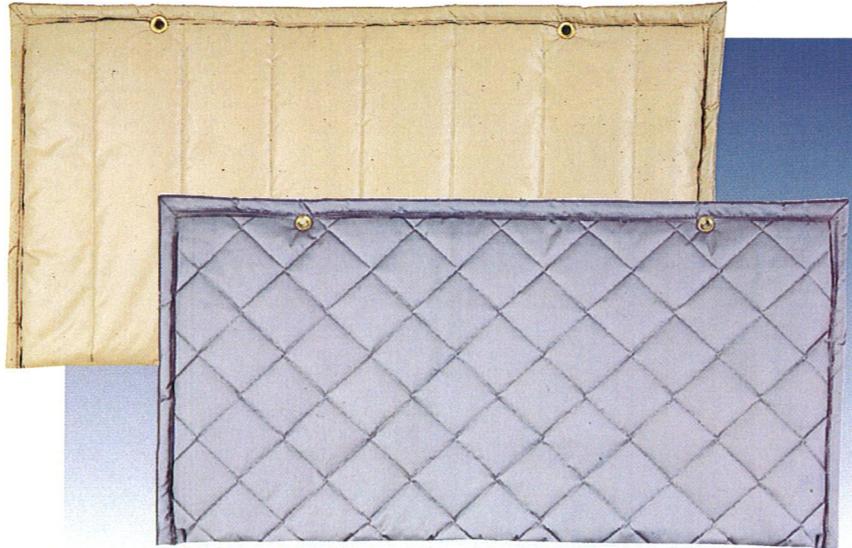
## FEATURES:

- ◆ Durable Quilted Fiberglass style
- ◆ Economic Polywrapped style
- ◆ FDA approved Sanitary Baffle style
- ◆ Introduce soft, sound absorption materials into hard reflective environments
- ◆ Effective, economic method of reducing reverberation
- ◆ Ambient noise reduction up to 10 decibels
- ◆ For industrial plants, warehouses, food processing facilities, gymnasiums, auditoriums, commercial and architectural applications
- ◆ Light weight and self-supporting with no sharp corners
- ◆ May be installed by in-house personnel
- ◆ Easily relocated to other areas
- ◆ Optional white color reflects light to working area and increases ambient lighting
- ◆ Requires no maintenance, but can be washed or steam cleaned for hygienic or aesthetic reasons
- ◆ Can be custom tailored for specific applications
- ◆ Class A Flammability Rating per ASTM E-84

# Quilted Fiberglass Baffles & Wall Panels

Sound Seal's Industrial Division **Quilted Fiberglass** line of Overhead Baffles & Wall Mounted Sound Absorption Panels feature a durable vinyl-coated-fiberglass-cloth facing quilted to a one-inch or two-inch thick fiberglass. These Class A Flammability Rated baffles, offering high NRC ratings, are available in a number of colors and stitch patterns and can be custom fabricated to any size required.

Sound Seal's "QFA" Baffles are also available with either a decorative fabric facing or a nylon ripstop facing. These attractive sound absorbers offer a wide range of colorful options which can be custom tailored for any commercial or architectural application.



QFA Baffles 2' x 4' with (2) grommets shown in diamond and straight-stitch patterns

## Physical Properties:

- ◆ Gray, tan, white, or black are standard vinyl-coated-fiberglass-cloth facings
- ◆ Meets Class A Flammability Rating (ASTM E-84)
  - Flame Spread: 17.66
  - Smoke Density: 22.75
- ◆ Brass grommets installed for hanging
- ◆ Continuous service temp.: -20°F to 180°F
- ◆ 2 lb./cu. ft. density fiberglass
- ◆ Decorative fabric and nylon ripstop facings available in over 60 colors
- ◆ Quilted diamond patterns or straight-stitch patterns available
- ◆ Custom sizes available

See Sound Seal brochure SS-106 for additional information

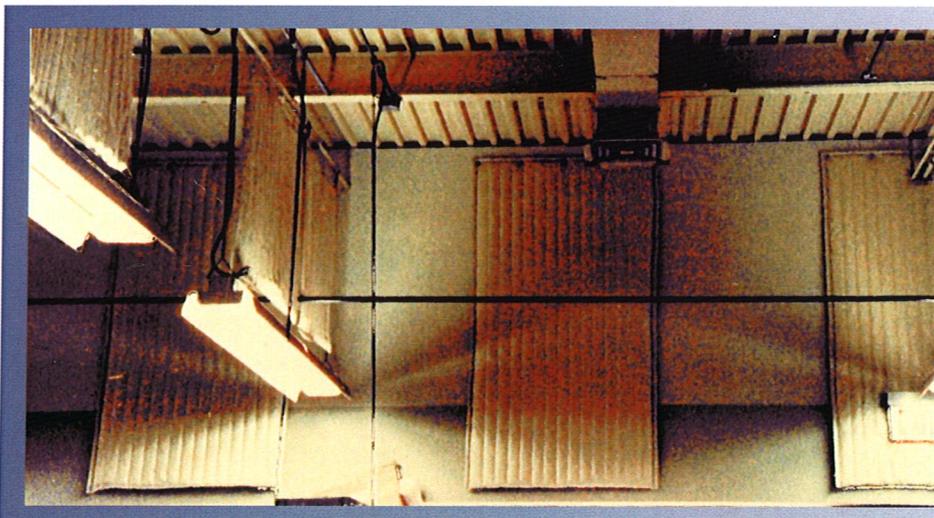
## Acoustical Data:

- ◆ Quilted Fiberglass Styles,
  - QFA-4 Baffles: 2' x 4' x 1" thick (nom.)
  - QFA-10 Baffles: 2' x 4' x 2" thick (nom.)

## Sound Absorption Coefficients-Sabins Per Baffle

Style	One-Third Octave Band Center Frequency (Hz)						NRC
	125	250	500	1000	2000	4000	
QFA-4	.59	2.43	7.17	8.66	8.82	6.71	6.75
QFA-10	.91	6.07	8.25	8.88	6.65	5.58	7.45

Test method: ASTM C423-81

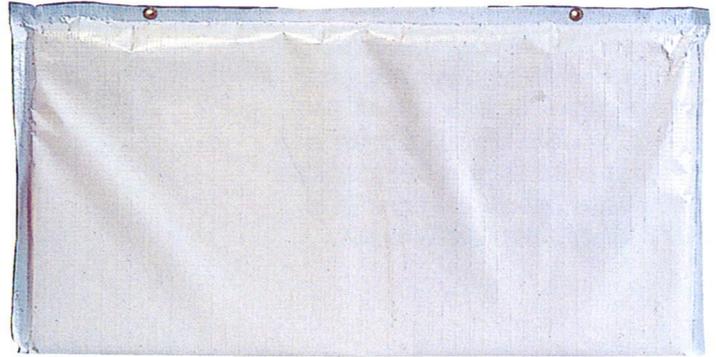


*Clearer and easier communication was achieved in this manufacturing plant with QFA-10 Overhead Sound Absorption Baffles and Sound Absorption Wall Panels-shown with optional straight stitch pattern and tan-colored vinyl facing.*

# Sanitary Sound Absorption Baffles & Wall Panels

Sound Seal's Industrial Division Sanitary Overhead Baffles & Wall Mounted Sound Absorption Panels are an effective, economic method of reducing reverberant noise in areas where sanitary conditions and USDA or FDA approved products are mandatory. Sound Seal uses the latest in film technology to create economic products that are durable, chemically resistant and dimensionally stable.

These Sanitary Ceilings Baffles and Wall Panels are tough enough to be washed down and maintain high NRC sound absorption values. Two baffle styles are available, Type "A" for standard duty incorporates a 1 1/2" thick 1.6 lb./cu.ft. density fiberglass core. Type "B" features additional internal reinforcement at each grommet to withstand daily high pressure, hot water wash down in addition to a higher density (3 lb./cu. ft.) 2" thick fiberglass core for improved acoustical performance.



Type "A" FDA approved Sanitary Baffle, 2' x 4' x 1 1/2" thick, with (2) grommets

## Physical Properties:

- ◆ FDA Approved, USDA listed
- ◆ Washable
- ◆ Temperature Range: -40°F to 200°F
- ◆ Rip resistant facing
- ◆ Dimensionally stable
- ◆ Stain Resistant
- ◆ Meets health and sanitary standards
- ◆ Water tight seal on all edges
- ◆ Light reflective white facing
- ◆ Custom sizes available

## Applications:

- ◆ Food processing plants
- ◆ Meat packaging plants
- ◆ Poultry processing plants
- ◆ Pharmaceutical facilities
- ◆ Clean rooms
- ◆ Hospitals
- ◆ Animal hospitals, kennels
- ◆ Bottling plants, canneries
- ◆ Breweries, wineries
- ◆ Cafeterias
- ◆ Institutional kitchens
- ◆ Swimming pools
- ◆ Plus O.E.M. applications

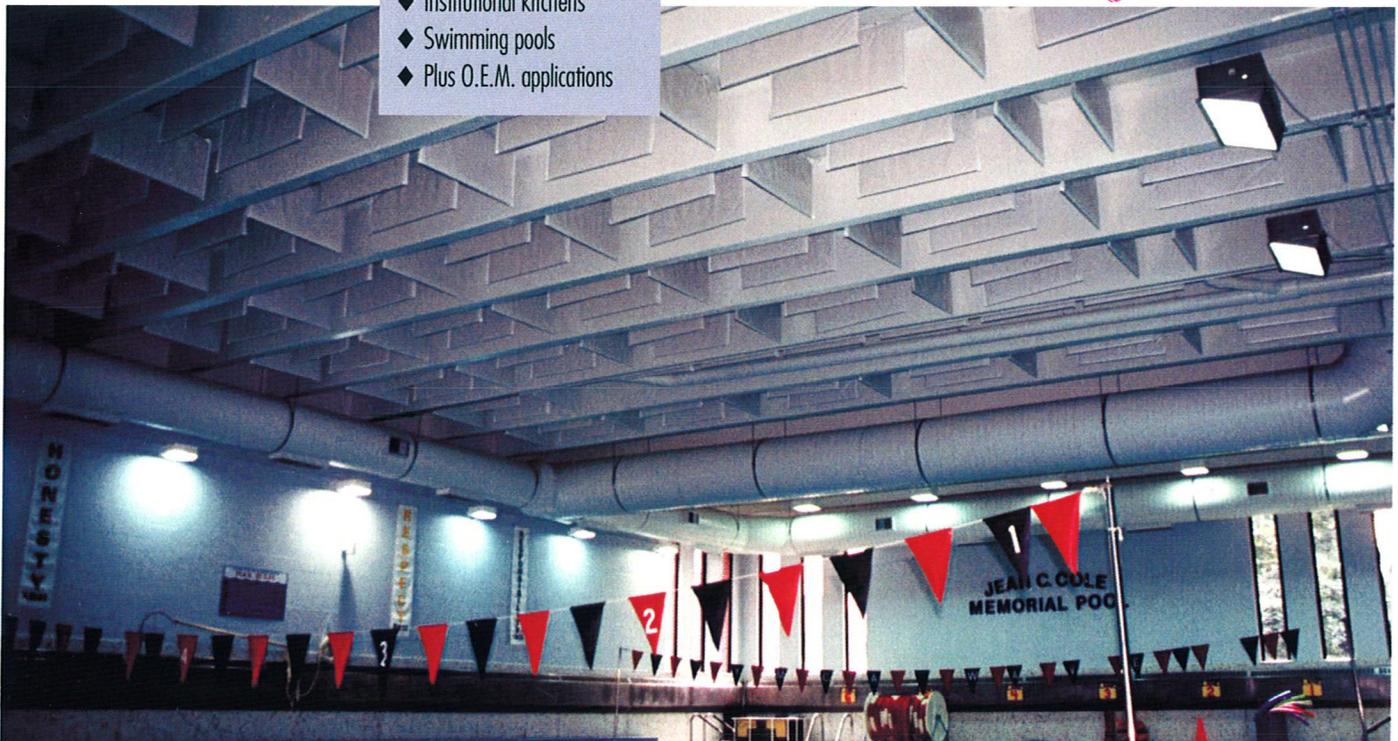
## Acoustical Data:

- ◆ Sanitary Baffle,
  - Type "A": 2' x 4' x 1 1/2" thick
  - Type "B": 2' x 4' x 2" thick

## Sound Absorption Coefficients-Sabins Per Baffle

Sanitary Baffle	One-Third Octave Band Center Frequency (Hz)						NRC
	125	250	500	1000	2000	4000	
Type "A"	1.15	5.26	8.0	10.9	9.34	5.5	8.4
Type "B"	1.00	8.09	14.65	15.72	12.68	4.93	12.8

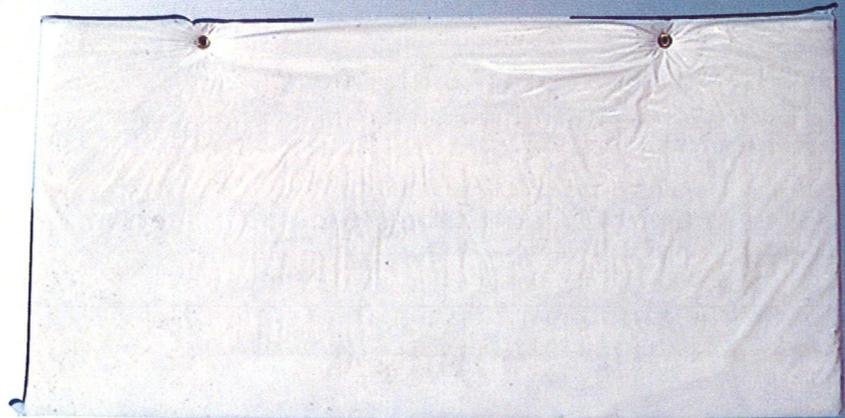
Test method: ASTM C423-90a and C423-81



In addition to reducing reverberant noise, the durable, chemical resistant and water-tight construction of Sanitary Baffles makes them suitable in difficult environments such as this swimming pool.

## Polywrapped Baffles

Sound Seal's Industrial Division **Polywrapped Baffles** are a heat-sealed polyethylene bag encompassing a sound absorptive fiberglass fill. Standard size is 2' x 4' x 1½" thick. Grommets are installed for suspending from wire or cable ties. White or black facings are standard, additional colors are available. These efficient, economic baffles offer a high NRC rating at an extremely low cost.



Standard 2' x 4' x 1½" thick Polywrapped Baffle with (2) grommets.

### Physical Properties:

- ◆ Class A Flammability Rating (ASTM E-84)
  - Flame Spread: 8
  - Smoke Density: 0
- ◆ 1.6 lb/cu.ft. density, 1½" thick fiberglass core
- ◆ Light weight (2 lbs. each)
- ◆ Light reflective white poly facing
- ◆ Alternate black poly facing
- ◆ Standard baffle has two grommets on one 4' side
- ◆ Optional spacing or additional brass grommets available

### Acoustical Data:

- ◆ Polywrapped Baffle,  
2' x 4' x 1½" thick

### Sound Absorption Coefficients Sabins Per Baffle

	One-Third Octave Band Center Frequency (Hz)						
Style	125	250	500	1000	2000	4000	NRC
Polywrapped	2.1	6.5	10.7	14.1	12.7	8.1	11.0

Test method: ASTM C423-90a and C423-81



More than 600 Polywrapped Ceiling Baffles reduced overall noise levels by 8 dB(A) in this wood working facility. See Sound Off Case History Vol. 2 No. 1 for additional information.

Distributed By



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