Jennifer Tabakin
Town Manager

E-mail: jtabakin@townofgb.org
www.townofgb.org

Town Hall, 334 Main Street
Great Barrington, MA 01230

Telephone: (413) 528-1619 x2
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TOWN OF GREAT BARRINGTON
MASSACHUSETTS

OFFICE OF THE TOWN MANAGER

SELECTBOARD'S MEETING AGENDA

MONDAY, APRIL 9, 2018

7:00 PM – REGULAR SESSION

TOWN HALL, 334 MAIN STREET

ORDER OF AGENDA

7:00 PM - OPEN MEETING

1. **CALL TO ORDER:**

2. **APPROVAL OF MINUTES:**
   February 26, 2018 Regular Meeting.

3. **SELECTBOARD'S ANNOUNCEMENTS/STATEMENTS:**
   A. General Comments by the Board

4. **TOWN MANAGER'S REPORT:**
   A. Department Updates.

   B. Project Updates.

5. **LICENSES OR PERMITS:**
   A. American Legion Murphy-Leary Post 298 for permission to hold a Poppy Boot Drive on Main Street (between Gas House Lane and the entrance to JB Hull Oil) on Saturday, May 19, 2018 (Rain date May 26) from 10:00 am – 2:00 pm. (Discussion/Vote)

   B. American Legion Murphy-Leary Post 298 for permission to hand out Poppies for donations in Great Barrington and in the Village of Housatonic during the month of May. (Discussion/Vote)

   C. JT Glover/Wrenegade Sports for permission to utilize town roads for the Farm to Fork Fondo - Berkshires Event on Sunday, September 30, 2018 as per map and route attached. (Discussion/Vote)

6. **OLD BUSINESS:**
   A. SB - Continuation of Review and Comment to the Building Inspector, per Sec. 9.3.11 of the Zoning Bylaw, regarding Notice from SBA Communications to add Sprint equipment

to the existing wireless telecommunications tower at 425 Stockbridge Road (WSBS Cell Site). (Discussion/Vote)

7. NEW BUSINESS:

A. SB – Waiver of Option of First Refusal on the 9.22 Acres of Ch. 61A property of Robert Coons, Trustee of the West Plain Road Farm Nominee Trust as shown on the Assessors Map 31, Lot 23-C. (Discussion/Vote)

B. Andrew Hare/Shopper's Guide – Request to place Outdoor Newspaper Distribution Box on Main Street outside the Great Barrington Post Office on the sidewalk, just South of the entrance (near the other newspapaer vending boxes). (Discussion/Vote)

C. SB – 2018 Annual Town Meeting Warrant Articles. (Discussion/Vote)

D. Kate Burke and Bridgette Stone/Great Barrington Farmers Market to request permission to close Church Street to through traffic from Main Street to School Street and to Wave the parking enforcement on the north side of Church Street during market set-up and operational hours (7:00 am - 1:00 pm) on Saturdays during market season (May 12 – October 27, 2018. (Discussion/Vote)

8. CITIZEN SPEAK TIME:

9. SELECTBOARD'S TIME:

10. MEDIA TIME:

11. ADJOURNMENT:

NEXT SELECTBOARD'S MEETING: Monday, April 23, 2018, 7:00 PM.

Jennifer Tabakin, Town Manager

Pursuant to MGL. 7c. 30A sec. 20 (f), after notifying the chair of the public body, any person may make a video or audio recording of an open session of a meeting of a public body, or may transmit the meeting through any medium. At the beginning of the meeting, the chair shall inform other attendees of any such recordings. Any member of the public wishing to speak at the meeting must receive permission of the chair. The listings of agenda items are those reasonably anticipated by the chair which may be discussed at the meeting. Not all items listed may in fact be discussed and other items not listed may also be brought up for discussion to the extent permitted by law.

American Legion

Murphy – Leary Post 298

Cone Avenue

Housatonic, Ma

May 22, 2018

To the: Select-Board and Town Manager

The Murphy – Leary Post 298 request permission to hold a Poppy Boot Drive on Main Street, Great Barrington. The boot drive will take place in the road between Gas House Lane and the entrance to JB Hull Oil Inc. Date requested Saturday May 19th. Rain date May 26th.

hours 10 am – 2 pm.

The American Legion adopted the Memorial Poppy in September 1920 in remembrance with the great lost of life during The Great War of 1914 – 1918. Money raised during the collection supports the welfare of local veterans.

I look foreword to attending your meeting to address any concerns you may have.

Sincerely:

Andy Moro

Commander

Post 298

413-770-3002

American Legion

Murphy – Leary Post 298

Cone Avenue

Housatonic, Ma

March 22, 2018

To: Select – Board and Town Manager

The Murphy – Leary Post 298 request permission to hand out Poppies for donations in Great Barrington and the Village of Housatonic during the month of May.

The American Legion adopted the Memorial Poppy in September 1920 in remembrance with the great lost of life during The Great War of 1914 – 1918. Money raised during the collection supports the welfare of local veterans.

I look foreword to answering any concerns you may have.

Sincerely:

Andy Moro

Commander

Post 298

413-528-4591

Helen Kuziemko

From: Chris Rembold
Sent: Friday, March 23, 2018 9:27 AM
To: Helen Kuziemko
Subject: For April 9 -- Letter for Select Board Concering Farm to Fork Fondo - Berkshires Event
Attachments: Great Barrington Select Board Formal Letter and Route.pdf

For April 9 meeting. He cannot attend and hopes this is enough information. DRT reviewed and has no issues, and has requested he update the Police, Fire and EMS again in the fall, closer to the event.

Chris

Christopher Rembold, AICP
Town Planner
Town of Great Barrington
(413) 528-1619, ext. 7

From: JT Glover [mailto:jt@wrenegadesports.com]
Sent: Thursday, March 22, 2018 5:13 PM
To: Chris Rembold
Subject: Letter for Select Board Concering Farm to Fork Fondo - Berkshires Event

Dear Chris Rembold,
Please see attached the formal letter for the Select Board of Great Barrington. Thanks for all your help Chris, and is there anything else you need from me at this time?
Sincerely,
JT Glover

WRENEGADE sports

JT Glover
Event Manager
(804)-836-6378
jt@wrenegadesports.com
wrenegadesports.com

FARM TO FORK FONDO

Shenandoah | Hudson Valley | Champlain Islands
Pennsylvania Dutch | Finger Lakes
Maine | Berkshires | Garden State

WRENEGADE
sports

March 22, 2018

Sean Stanton, Selectboard Chairman
Town of Great Barrington
334 Main Street
Great Barrington, MA 01230

Dear Sean and Members of Great Barrington Select Board,

Based in Burlington, VT, Wrenegade Sports was formed in late 2013 and operates in the domestic facility-free athletic event organization industry, producing, and developing innovative sporting events. Our primary product is the Farm to Fork Fondo, a series of non-competitive bicycling rides around the greater northeastern US. Our festive and welcoming community events are designed to highlight and support the symbiotic relationship between cyclists, local farmers, and beautiful farming landscapes. Our Berkshires event took place in Berkshire county for the first time last year and we are looking to hold another successful event in this area.

Hancock Shaker Village will be the event venue again for the Farm to Fork Fondo – Berkshires on Sunday September 30th. Riders will be passing through Great Barrington on this date following the rules of the road; both a map and written instructions are included with this letter detailing their path within your town.

Because of the non-competitive nature of the event and the varied skill levels of its participants, following their departure from the Hancock Shaker Village participants will be spread out and riding in small groups that will constitute normal use of the roadways. As with the prior years' Farm to Fork Fondo events in all locations, we anticipate having law enforcement officers assisting over the course of the day.

The event is fully insured, including liability coverage while riders are out on course. Our insurance also covers our venue (Hancock Shaker Village) and our farm-based aid stations. If Great Barrington would like to be named as an additional insured, we are happy to do so.

In advance of our event, we spend Thursday/Friday and part of Saturday marking our routes with course marking signs and with temporary spray chalk arrows on the pavement. We aim to have our course signs removed by the end of the day on Sunday, and following completion of the ride, and assure that signage will be removed by midday Monday at the latest. Spray chalk washes away after normal exposure to the elements – more quickly with prolonged rain.

All of the cash sponsorship funds and donations we raise for our Farm to Fork Fondo Volunteer Competition will be donated local Western Massachusetts (Berkshire county preferred) farms and community organizations on behalf of the volunteer teams that staff our event.

Thank you for your time and attention on this matter.

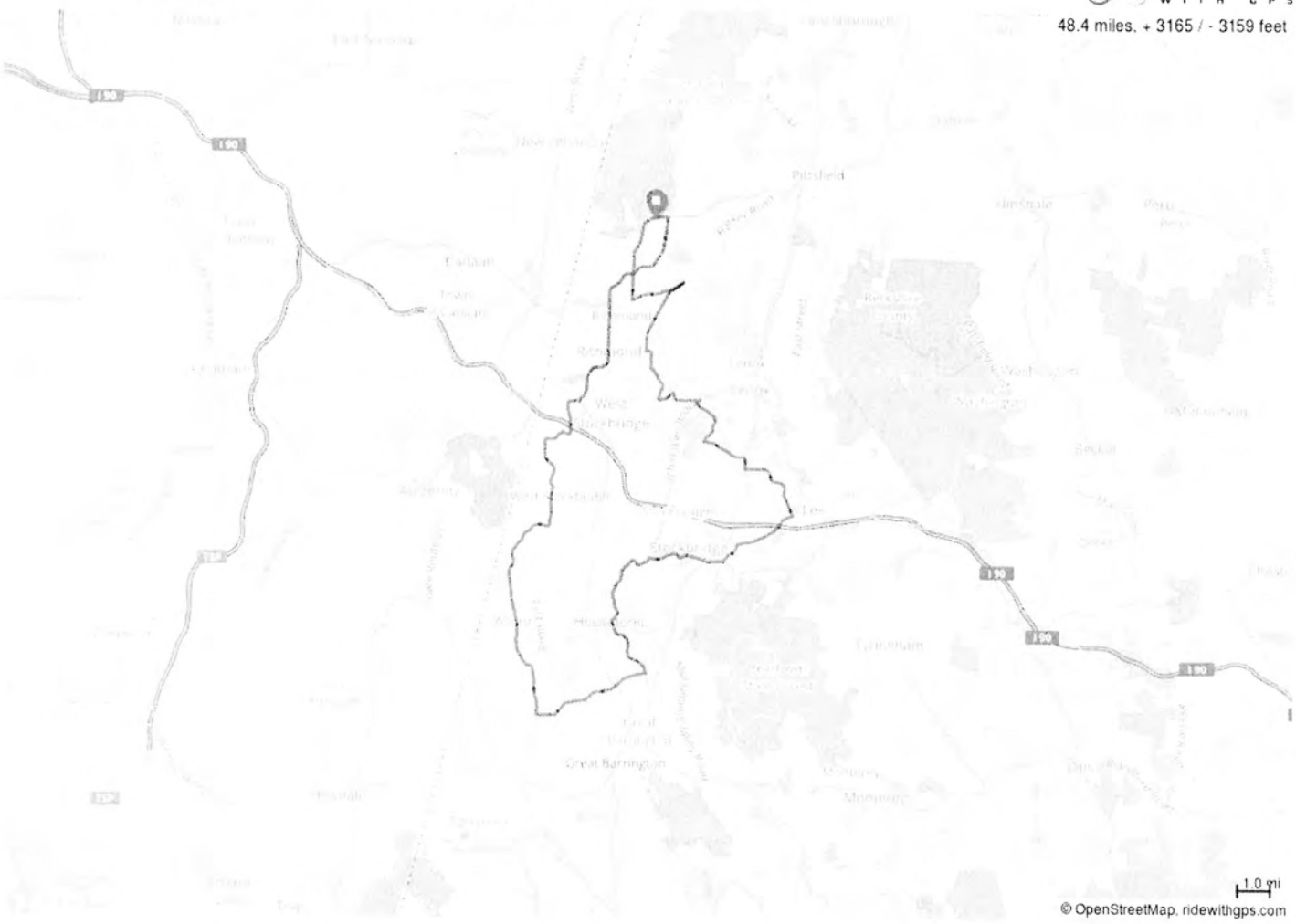
Sincerely,

JT Glover
Event Manager

Farm to Fork Fondo - Berkshires - Medio - 2018

RIDE WITH GPS

48.4 miles, + 3165 / - 3159 feet



Dist	Type	Note	Next
0.0		Start of route	0.0
0.0		Starting Line: Right out of Hancock Shaker Village onto Route 20	0.3
0.4		Right onto Central Berkshire Blvd	7.0
7.3		Right toward Baker St	0.0
7.4		Right onto Baker St	0.0
7.4		Slight left to stay on Baker St	1.3
8.7		Right onto MA-102 W	0.2
8.9		Left onto W Center Rd	0.5
9.4		Aid Station: Colfax Farm, 25 West Center Rd., West Stockbridge, MA 01266	2.8
12.2		Slight right onto Willson Rd	0.6
12.9		Continue onto W Rd	4.5
17.4		Continue onto Alford Center Rd	0.1
17.5		Right onto Alford Rd	0.3
17.8		Continue onto Old Barrington Rd	0.5
18.3		Continue onto Seekonk Cross Rd	0.7
19.0		Left onto Seekonk Rd	0.5
19.5		Slight left onto Division St	3.1
22.7		Aid Station: Taft Farms; 119 Park St, Great Barrington, MA 01230	0.0
22.7		Left onto MA-183 N	2.0
24.7		CAUTION: Bridge under construction and down to one lane. OBEY SIGNAL! Cross bridge with green light.	0.1
24.7		Right onto MA-183 N/Front St **ATTENTION: Right onto Front Street is directly after the railroad underpass, don't miss the turn!**	2.9
27.6		Right onto Christian Hill Rd/Glendale Middle Rd	1.0
28.6		Left onto Glendale Middle Rd/W Main St	1.3
29.9		Left onto Yale Hill Rd	0.8
30.7		Slight right onto Lee Rd	0.6
31.3		Continue onto Stockbridge Rd	1.3
32.5		Left onto Spring St	1.0
33.5		Slight left onto Summer St	0.4
33.9		Aid Station: High Lawn Farm; 535 Summer St, Lee, MA 01238	1.0
34.9		Right onto US-7 N	0.3
35.2		Slight left onto Old Stockbridge Rd	0.1
35.3		Left onto Bean Hill Rd	1.3
36.6		Right onto Mahkeenac Lake Rd	0.2
36.7		Continue onto Hawthorne Rd	1.4

36.7 miles. +2242/-2496 feet

Dist	Type	Note	Next
38.1	➡	Right onto MA-183 N	0.1
38.3	⬅	Sharp left onto Richmond Mountain Rd	1.5
39.8	⬆	Continue onto Lenox Rd/Lenox Mountain Rd	1.7
41.5	➡	Right onto Swamp Rd	2.4
43.9	🍴	Aid Station: Bartlett's Orchard; 575 Swamp Rd, Richmond, MA 01254	0.4
44.3	➡	Right onto Summit Rd	1.3
45.6	➡	Right onto Dublin Rd	1.8
47.4	⬆	Continue onto Richmond Rd	0.6
48.0	➡	Right onto US-20 E	0.4
48.3	➡	Finish Line: Hancock Shaker Village; 1843 W Housatonic St, Pittsfield, MA 01201	0.0
48.4	🏁	End of route	0.0

11.6 miles. +728/-663 feet

SB Agenda April 9/18

Helen Kuziemko

From: vtsdmailer@vt-s.net on behalf of Contact form at Great Barrington MA <vtsdmailer@vt-s.net>
Sent: Friday, March 09, 2018 4:35 PM
To: Helen Kuziemko
Subject: [Great Barrington MA] Event Notice - September 30th (Sent by JT Glover, jt@wrenegadesports.com)

Hello hkuziemko,

JT Glover (jt@wrenegadesports.com) has sent you a message via your contact form (https://www.townofgb.org/user/57/contact) at Great Barrington MA.

If you don't want to receive such e-mails, you can change your settings at https://www.townofgb.org/user/57/edit.

Message:

Hello Helen Kuziemko,

I am writing to inform the town of Great Barrington of the Farm to Fork Fondo – Berkshires bicycle event on Sunday, September 30th, 2018.

This event is a non-competitive bicycling ride starting at the Hancock Shaker Village in Pittsfield. Our festive and welcoming community event is designed to highlight and support the symbiotic relationship between cyclists, local farmers, and beautiful Berkshires landscapes.

Riders will be passing through Great Barrington. The route maps can be seen here:
https://ridewithgps.com/events/49640-2018-farm-to-fork-fondo-berkshires.
Click on the button that reads "show all on map" to view additional shorter course lengths.

Additional event information can be found on the website here: http://www.farmforkfondo.com/berkshires/

For the entirety of the event, participants will be required to obey all traffic laws. Because of the non-competitive nature of the event and the varied ability levels of its participants, following their departure from the Hancock Shaker Village participants will be spread out and riding in small groups that will constitute normal use of the roadways. As with other Farm to Fork Fondo events, we anticipate having local law enforcement officers assisting at the start and over the course of the day along the routes -- we are already in conversation with the Berkshire County Sheriff and local Fire Department officials.

All of the cash sponsorship funds and donations we raise for our Farm to Fork Fondo Volunteer Competition will be donated to local New York farms and community organizations. That means at the end of the day on September 30th, we will be cutting checks to help local farmers with projects like building a new farm stand or creating a new website, and to help local charitable advance their causes.

The event is fully insured which includes liability coverage while riders are out on course.

Thank you for your time and attention on this matter. My contact information is listed below; please confirm receipt of this notice, and let me know if you have follow up questions or concerns. If your municipality has any specific requirements or requests, please advise.

Sincerely,
JT Glover

[redacted] SB for 2/26/18

[redacted]

SBA

February 16, 2018

Members of the Board of Selectmen / Members of the Planning Board
Town of Great Barrington
334 Main Street
Great Barrington, MA 01230

RE: **Eligible Facilities Request to Modify Transmission Equipment at an Existing Base Station**
Sprint Antenna Ungrades @ 425 Stockbridge Rd., Great Barrington, MA
SBA Communications: Agent for Sprint
Sprint #: AL72XC101_DO Macro

Dear Members of the Board of Selectmen and Members of the Planning Board:

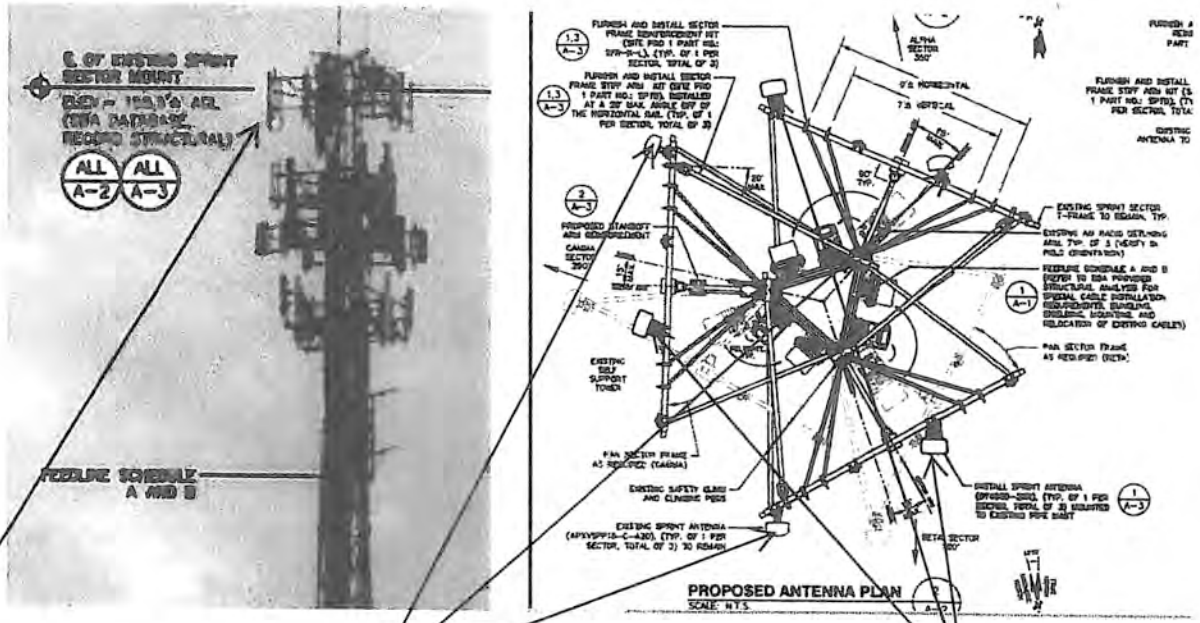
Due to the extreme increase in volume at all telecom sites (phone usage and data transfer), carriers must look for every opportunity to increase capacity. On behalf of Sprint, SBA has applied for a Building Permit to make minor site upgrades at the existing SBA-owned telecommunications tower at 425 Stockbridge Road in order to optimize their site presence. We provide the following narrative to you in explanation of their proposed updates.

1) Sprint presently has (3) antennas at the site and proposes to add (3) newer technology antennas. A sector frame reinforcement will allow for the existing and new antennas to sit **side by side** on each of the three existing sectors, per the snapshots below taken from the construction drawings.
2) Sprint currently has (6) existing Remote Radio Heads (RRHs or Radio Receivers) and, to accommodate the new technology, proposes to install an additional six (6) **behind** the existing and newer antennas.
3) Necessary cabling for the above will consist only of (1) fiber line routed up to the equipment alongside the existing line route.

Please note that there will be no change to the tower/height or compound/size. In fact, no ground work will be required at all. There will be no significant changes to the aesthetics of the site. Most importantly, the work will serve to complete Sprint's comprehensive DO Macro Update, meaning consumer usage and E911 data transfers will be optimized.

The Town is likely already aware of Federal Legislature set in place in 2012 (Section 6409 of the Middle Class Tax Relief Act, or "TRA"), in great part, to allow for expedited and cost-efficient processes for telecommunication site upgrade approvals. Construction parameters were set to identify minor, albeit necessary, upgrades. If a carrier's proposed work falls within these constraints, local governments are not burdened with the responsibility of making such determinations and the work is allowed by Federal Law without discretionary review. The Eligible Facilities (Section 6409) materials attached do demonstrate that the proposed work at 56 Wilbur Lane falls squarely within these parameters.

Snapshot of existing tower and proposed upgrades:



Sprint Antennas

Existing (3) Antennas

Proposed (3) Antennas

Thank you for your consideration of the above and attached. Please let me know if you have any further questions.

Respectfully,

Kri Pelletier
Property Specialist
SBA COMMUNICATIONS CORPORATION
134 Flanders Rd., Suite 125
Westborough, MA 01581
508.251.0720 x3804 + T
508.366.2610 + F
203.446.7700 + C
kpelletier@sbasite.com

cc : Edwin May, Building Inspector

Chapter 171. Zoning

SECTION 9.0. Special Districts

9.3. Wireless Telecommunication Overlay District (WTOD).

9.3.1. Purposes. The purposes of the WTOD are to:

1. Preserve the character and appearance of the Town while simultaneously allowing adequate personal wireless services to be developed.
2. Protect the scenic, historic, environmental and natural or man-made resources of the community.
3. Provide standards and requirements for planning, regulation, placement, construction, monitoring, design, modification and removal of personal wireless service facilities.
4. Provide a procedural basis for action within a reasonable period of time for requests for authorization to place, construct, operate or modify personal wireless service facilities.
5. Preserve property values.
6. Minimize the total number and height of towers throughout the community.
7. Locate towers so that they do not have negative impacts, such as, but not limited to, attractive nuisance, noise and falling objects, on the general safety, welfare and quality of life of the community.
8. Require owners of towers and personal wireless service facilities to configure them so as to minimize and mitigate the adverse visual impact of the towers and facilities where possible.
9. Require tower sharing and the clustering of personal wireless service facilities where possible.

9.3.2. Overlay district. The WTOD is an overlay district mapped over other districts. It modifies and, where there is inconsistency, supersedes the regulations of those other districts. Except as so modified or superseded, the regulations of the underlying districts remain in effect.

9.3.3. Location. The WTOD includes the properties listed below. These properties are included by reason of their potential to provide technically feasible and accessible locations for the siting of wireless telecommunications facilities that will provide adequate wireless telecommunications services to the Town of Great Barrington. The WTOD is defined, delineated and mapped on the set of eight maps entitled "Wireless Telecommunications Overlay District, s. 171-9D(3) WTOD, Town of Great Barrington, MA," and incorporated by reference herein. Also incorporated by reference herein are the plots of coverage entitled "Radial Plots from Proposed Overlay District" which provide engineering data to support the choices of properties for the WTOD, and showing that these sites will provide adequate coverage for the FCC licensed wireless telecommunications providers who are doing business in Great Barrington.

Map Key	Location	Assessor's Map #	Parcel #
1	East of Long Pond Road	34	9
1	East of Long Pond Road	34	12
1	East of Long Pond Road	34	12A
1	East of Long Pond Road	26	85.2
2	Transfer Station	35	21
3	WSBS Tower	29	5
4	Butternut Tower	42	24
5.2	Berkshire Heights Area	23	3
5.3	Berkshire Heights Area	31	57 and 58
6	Vossberg Hill	30	112A and 112B
7	VFW	30	48

9.3.4. Consistency with federal law. These regulations are intended to be consistent with the Telecommunications Act of 1996 in that they do not prohibit or have the effect of prohibiting the provision of personal wireless services; they are not intended to be used to unreasonably discriminate among providers of functionally equivalent services; and they do not regulate personal wireless services on the basis of the environmental effects of radio frequency emissions to the extent that the regulated services and facilities comply with the FCC's regulations concerning such emissions.

1. Any decision by the SPGA to deny an application for a special permit under this bylaw shall be in conformance with Section 332 [47 U.S.C. § 332(7)(b)(iii)] of the Act, in that it shall be in writing and supported by substantial evidence contained in a written record.

9.3.5. Definitions. For the purposes of this section, the terms defined in Section 11.0, under "Wireless Telecommunication Overlay District," shall apply.

9.3.6. Applicability. Any use of lands within the WTOD for the purposes of placement, construction, modification or removal of personal wireless

telecommunications services, towers or antennas shall be subject to these requirements.

1. Exempted wireless telecommunications uses. This section specifically exempts the following wireless telecommunications facilities: police, fire, ambulance and other emergency dispatch; amateur (ham) radio; citizens band radio; low-power FM radio stations; any existing commercial radio tower; and radio dispatch services for local businesses. No personal wireless service facility shall be considered exempt from this bylaw for any reason, whether or not said facility is proposed to share a tower or other structure with such exempt uses.

9.3.7. Provision of independent consultants. Upon submission of an application for a special permit under this section, the SPGA may hire independent consultants whose services shall be paid for by the applicant(s) under the terms of the Selectmen's Policies and Procedures in accordance with Chapter 44, § 53G, of the Massachusetts General Laws. These consultants shall each be qualified professionals with a record of service to municipalities in one of the following fields: (a) telecommunications engineering, (b) structural engineering, (c) monitoring of electromagnetic fields and, if determined necessary by the SPGA, (d) other consultants.

1. In the event the SPGA elects to hire an independent consultant, the independent consultant(s) shall be selected after consultation with the Town Manager, the Planning Board, the Board of Health and the Conservation Commission, which may propose a list of qualified candidates.

9.3.8. Application requirements; tower or structure and initial facility. No personal wireless tower or structure shall be erected, constructed, modified or installed, nor shall the initial personal wireless service facility be mounted upon any such personal wireless tower or structure, without first obtaining a special permit from the SPGA. Applications shall be submitted using the Long Form Application (SP-2), in accordance with the requirements of Section 10.4. A special permit is required of the first personal wireless service facility to be mounted on the personal wireless tower or structure so that the Town can have the opportunity to assess the impacts of the new facility in accordance with the purposes of this bylaw. The following information must also be submitted:

1. Copies of all submittals and showings pertaining to: FCC licensing; environmental impact statements; FAA notice of construction or alteration; aeronautical studies; and all data, assumptions and calculations relating to service coverage and power levels regardless of whether categorical exemption from routine environmental evaluation under the FCC rules is claimed.

2. The exact legal name, address or principal place of business and phone number of the applicant. If any applicant is not a natural person, it shall also give the state under which it was created or organized.

3. The name, title, address and phone number of the person to whom correspondence or communications in regard to the application are to be sent. Notice, orders and other papers may be served upon the person so named, and such service shall be deemed to be service upon the applicant.

4. The name, address, phone number and written consent to apply for this permit, of the owner of the property on which the proposed tower shall be located, or of the owner(s) of the tower or structure on which the proposed facility shall be located.

5. Details of the proposed method of financial surety as required herein.

6. Any applicant for a permit or a special permit under this bylaw shall provide a written commitment that if the applicant receives a permit or special permit under this bylaw, that the applicant shall abide by the requirements herein as they may apply.

7. The applicant shall provide a written, irrevocable commitment, valid for the duration of the existence of the personal wireless tower or structure, to rent or lease available space for collocation on the tower or structure at fair-market prices and terms, without discrimination, to other personal wireless service providers.

8. If an applicant for a special permit for a personal wireless tower or structure is not simultaneously applying for a personal wireless service facilities special permit, it shall provide a copy of its existing lease/contract with a personal wireless service provider showing that the provider is legally obligated to locate its personal wireless service facility on the personal wireless tower or structure in question. A special permit under this section shall not be granted for a tower to be built on speculation (without a contract or lease with a personal wireless service provider).

9.3.9. Required plans. The following required plans and engineering plans shall also be submitted. Such plans shall be prepared, stamped and signed by a professional engineer licensed to practice in Massachusetts. (NOTE: Survey plans should also be stamped and signed by a professional land surveyor registered in Massachusetts). Plans shall be on twenty-four-inch by thirty-six-inch sheets, on as many sheets as necessary, and at scales which are no smaller (i.e., no less precise) than listed below. Each plan sheet shall have a title block indicating the project title, sheet title, sheet number, date, revision dates, scale(s), and original seal and signature of the P.E. and other professionals who prepared the plan. The plan shall show the following information:

1. Location map. Copy of a portion of the most recent USGS Quadrangle Map, at a scale of 1:25,000, and showing the area within at least two miles from the proposed tower site. Indicate the tower or structure location and the exact latitude and longitude (degrees, minutes and seconds).

2. Vicinity map. At a scale of no less than one inch equals 100 feet (1:1,200) with contour intervals no greater than 10 feet (three meters), showing the entire vicinity within a one-thousand-foot radius of the tower or structure site, and including the topography, public and private roads and driveways, buildings and structures, bodies of water, wetlands, landscape features, historic sites, and habitats for endangered species.

3. Abutter's map. Indicate the property lines of the proposed tower site parcel and all abutters within 300 feet of the tower site parcel (from assessors' maps or available surveys). Include the names of all abutters within 300 feet of the tower site parcel. Indicate any access easement or right-of-way needed for access from a public way to the tower and the names of all abutters or property owners along the access easement or who have deeded rights to the easement.

4. Proposed site plans: proposed facility site layout, grading and utilities at a scale of not less than one inch equals 20 feet and with topography drawn with a minimum of two-foot contour intervals.

5. Proposed personal wireless tower or structure location and any appurtenances, including supports and guy wires, if any, and any accessory building (communication equipment shelter or other). Indicate property boundaries and setback distances to the base(s) of the tower and to the nearest corners of each of the appurtenant structures to those boundaries, and dimensions of all proposed improvements.

6. Proposed utilities, including distance from source of power, sizes of service available and required, locations of any proposed utility or communication lines, and whether underground or above ground.
7. Limits of areas where vegetation is to be cleared or altered, and justification for any such clearing or alteration.
8. Locations of any wetlands or streams and location and description of any direct or indirect wetlands alteration proposed.
9. Detailed plans for drainage of surface and/or subsurface water; plans to control erosion and sedimentation, both during construction and as a permanent measure.
10. Plans indicating locations and specifics of proposed screening, landscaping, ground cover, fencing, etc.; any exterior lighting or signs.
11. Plans of proposed access driveway or roadway and parking area at the tower site. Include grading, drainage, and traveled width. Include a cross section of the access drive indicating the width, depth of gravel, paving or surface materials. Include a road profile of the proposed access driveway or road.
12. Proposed personal wireless tower or structure and appurtenances at a scale of not less than one inch equals 10 feet.
13. An elevation of the proposed personal wireless tower or structure and any guy wires or supports. Show all proposed antennas, including their location on the personal wireless tower or structure.
14. Detail proposed exterior finish of the personal wireless tower or structure.
15. A professional engineer's written description of the proposed tower's structure or of the structure proposed for the mounting of personal wireless facilities and its capacity to support additional antennas or other communications facilities at different heights and the ability of the personal wireless tower or structure to be shortened or added to in the future to adapt to changing communications conditions or demands.
16. Proposed antennas.
17. Number of antennas and repeaters, as well as the exact locations of antenna(s) and of all repeaters (if any) located on a map as well as by degrees, minutes and seconds of latitude and longitude.
18. Mounting locations on the personal wireless tower or structure, including height above ground.
19. Antenna type(s), manufacturer(s), model number(s).
20. For each antenna, the antenna gain and antenna radiation pattern.
21. Number of channels per antenna, projected and maximum.
22. Power output, in normal use and at maximum output, for each antenna and all antennas as an aggregate.
23. Output frequency of the transmitter(s).
24. Proposed communications equipment shelter.
25. Floor plans, elevations and cross sections at a scale of no smaller than 1/4 inch equals one foot (1:48) of any proposed appurtenant structure.
26. Representative elevation views, indicating the roof, facades, doors and other exterior appearance and materials.
27. Sight lines.
28. A plan map of a circle of two miles' radius of the facility site on which any visibility of the proposed tower from a public way shall be indicated. The locations from which the photographic simulation or profile drawing required below were taken shall also be indicated upon this plan.
29. If the proposed personal wireless tower or structure is visible from a public way, then the applicant shall submit either a photo simulation of the proposed tower or structure from one or more locations along the public way, or a profile drawing which shall utilize the USGS Quadrangle Map, at a scale of 1:25,000, and submit profile drawings on a horizontal scale of one inch equals 400 feet with a vertical scale of one inch equals 40 feet. Trees shall be shown at existing heights and at projected heights in 10 years.
30. Any applicant for a permit or a special permit under this bylaw shall provide a set of radial plot maps from each location in the WTOD showing the projected coverage from each location. The purpose of this provision is to identify any potential gaps in wireless service and to assist the Town in planning for future wireless communication coverage.

9.3.10. Balloon test. Within 35 days of submitting an application, the applicant shall arrange to fly, or raise upon a temporary mast, a four-foot-diameter brightly colored balloon at the maximum height and at the location of the proposed tower. The dates (including a second date, in case of poor visibility on the initial date), times and location of this balloon test shall be advertised by the applicant at seven and 14 days in advance of the first test date in a newspaper with a general circulation in the Town of Great Barrington. The applicant shall inform the SPGA and the Planning Board, in writing, of the dates and times of the test, at least 14 days in advance. The balloon shall be flown for at least eight consecutive daylight hours for no less than five days within a fourteen-day period within the dates chosen. Visibility and weather conditions must be adequate for interested citizens to be able to clearly see the balloon test, or further tests may be required by the SPGA.

9.3.11. Application requirements for facilities on previously permitted tower or structure. Where a personal wireless tower or structure has received a special permit under this bylaw and at least one personal wireless service provider (which has obtained a special permit under this section) is providing personal wireless services from the personal wireless tower or structure, and the facility remains in full compliance with the terms and conditions of this bylaw and the special permit, then any other provider of personal wireless services may place a personal wireless service facility at that personal wireless tower or structure without obtaining a special permit. The provider shall provide the following information to the Board of Selectmen, Planning Board and Building Inspector in order to obtain a building permit to allow the mounting of its equipment at the site and must agree in writing to comply with the conditions set forth in this section. The Board of Selectmen and the Planning Board have 30 days to review that information and provide comments and concerns to the Building Inspector. The Town may require the provider to pay for the Town to hire an independent consultant as set forth herein.
[Amended 5-7-2012 ATM, Art. 21]

1. All information set forth in Sections 9.3.8.1 to 9.3.8.6, 9.3.9 and 9.3.9.16 to 9.3.9.23.
2. The applicant shall comply with the terms of Section 6.1 where applicable.

9.3.12. General requirements.

1. New towers shall be set at least one times the height of the tower, plus 50 feet from any boundaries of the WTOD site within which the tower is located and from any dwelling unit within the WTOD. A personal wireless tower or structure shall comply with the setback requirements set forth for the applicable district.
2. No personal wireless tower or structure or personal wireless service facility shall be located any closer than 500 feet to any dwelling unit located outside the WTOD in existence at the time of installation of the personal wireless tower or structure or personal wireless service facility.
3. If the personal wireless tower or structure facility or tower site is in a wooded area, a vegetated buffer strip of undisturbed trees shall be retained for at least 50 feet in depth around the entire perimeter except where the access drive is located. The applicant may, at the discretion of the SPGA, be required to obtain a financial surety to cover the cost of the remediation of any damage to the landscape which occurs during the clearing of the site.
4. Fencing and signs. The area around the personal wireless tower or structure and communication equipment shelter(s) shall be completely fenced for security to a height of six feet and gated. Use of razor wire is not permitted. A sign no greater than two square feet indicating the name of the facility owner(s) and a twenty-four-hour emergency telephone number shall be posted adjacent to the entry gate. In addition, "no trespassing" or other warning signs may be posted on the fence.
5. Communication equipment shelters and accessory buildings shall be designed to be architecturally similar and compatible with each other, and shall be no more than 15 feet high. The buildings shall be used only for the housing of equipment related to this particular site. Whenever possible, the buildings shall be joined or clustered so as to appear as one building.
6. New towers shall not exceed 150 feet, not including whip antennas or lightning rods, subject to a maximum future expansion of 10% by approval of the SPGA to eliminate the need for another tower in the immediate area.
7. Tower finish. New tower(s) shall have a galvanized finish unless otherwise required. The SPGA may require the tower(s) to be painted or otherwise camouflaged to minimize the adverse visual impact. The SPGA may also require personal wireless service facilities and repeaters to be painted or otherwise camouflaged to minimize the adverse visual impact.
8. Personal wireless towers or structures must be of a type which will maximize potential sharing. The applicant must demonstrate the future utility of such personal wireless tower or structure for expansion of service for the applicant and other future applicants.
9. The use of repeaters to assure adequate coverage, or to fill holes within areas of otherwise adequate coverage, while minimizing the number of required towers is permitted and encouraged. An applicant who has received a personal wireless service facility special permit under this bylaw may, with at least 30 days' written notice to the SPGA, Planning Board, Board of Health, Conservation Commission, Building Inspector and Town Clerk, install one or more additional repeaters by right. Site plan review before the Planning Board shall be required, and any conditions or recommendations proposed by the Planning Board shall become conditions of the building permit. The Planning Board shall publish written notice of the public meeting date at least 14 days in advance. Applicants shall detail the number, location, power output, and coverage of any proposed repeaters in their systems and provide engineering data to justify their use.
10. Commercial advertising shall not be allowed on any antenna, tower, or accessory building or communication equipment shelter.
11. Unless required by the Federal Aviation Administration, no night lighting of towers, or the personal wireless service facility, is permitted except for manually operated emergency lights for use when operating personnel are on site.
12. No tower or personal wireless service facility that would be classified as a hazard to air navigation, as defined by the Federal Aviation regulations (Title 14 CFR), is permitted.
13. There shall be no teleport(s) within the Town of Great Barrington.
14. Each personal wireless tower or structure or personal wireless service facility shall be located within the WTOD so as to provide adequate coverage and adequate capacity with the least number of towers and antennas which is technically and economically feasible.

9.3.13. Appropriate siting within the WTOD. Towers and personal wireless service facilities shall be located so as to minimize the following potential impacts:

1. Visual/aesthetic. Towers shall, when possible, be sited off ridgelines and where their visual impact is less detrimental to highly rated scenic areas.
2. Diminution of residential property values. Siting shall be in as low population density areas as possible.
3. Safety, in cases of structural failure and attractive nuisance.
4. Safety from excessive electromagnetic radiation, in case the tower or personal wireless service facility is found to exceed the FCC guidelines.

9.3.14. Preferences. The following locations are ranked in order of preference:

1. Shared use of existing towers shall be encouraged.
2. Clustering of towers: applications for towers adjacent to existing towers shall be encouraged, provided that the existing tower(s) are already fully utilized.
3. The use of municipal lands where appropriate shall be encouraged.
4. The use of repeaters either within or outside the WTOD to provide adequate coverage without requiring new tower(s) shall be encouraged.

9.3.15. Evaluation by independent consultants and others. Upon submission of a complete application for a special permit under this bylaw, the SPGA shall provide its independent consultant(s), if any, with the full application for its analysis and review.

1. Applicants for any special permit under this bylaw shall obtain permission from the owner(s) of the proposed property(ies) or facilities site(s) for the Town's independent consultant(s) to conduct any necessary site visit(s).

2. The SPGA may request input from the Chiefs (or their designees) of Fire, Police and other emergency services regarding the adequacy for emergency access of the planned drive or roadway to the site.

9.3.16. Approval criteria. In acting on the special permit application, the SPGA shall proceed in accordance with the procedures and timelines established for special permits in Section 10.4. In addition to the findings required by Section 10.4, the SPGA shall, in consultation with the independent consultant(s), make all the applicable findings before granting the special permit, as follows:

1. That the applicant has agreed to rent or lease available space on the personal wireless tower or structure, under the terms of a fair-market lease, without discrimination to other personal wireless service providers;

2. That proposed personal wireless tower or structure or personal wireless service facility will not have an undue adverse impact on historic resources, scenic views, residential property values, or natural or man-made resources;

3. That the applicant has agreed to implement all reasonable measures to mitigate the potential adverse impacts of the facilities; and

4. That the proposal shall comply with OET Bulletin 65 regarding emissions of electromagnetic radiation and that the evaluation protocols set forth in this bylaw are in place and shall be paid for by the applicant.

9.3.17. Evaluation of compliance; inspection. After the granting of a special permit and before the applicant's personal wireless service facilities begin transmission, the applicant shall provide, or may pay for an independent consultant, hired by the Town, to provide, an evaluation of the existing radio frequency radiation at and around the proposed facility site and/or any repeater locations to be utilized for the applicant's personal wireless service facility, by using OET Bulletin 65 protocols. A report of the evaluation shall be prepared and submitted to the Board of Selectmen, the Planning Board, the Board of Health, the Town Engineer, the Building Inspector and the Town Clerk.

9.3.18. Ongoing evaluation of conditions. After transmission begins, the owner(s) of any personal wireless service facility(ies) located on any facility site shall provide, or may pay for an independent consultant, hired by the Town, to provide, ongoing assessment and evaluation of the EMF radiation emitted from said site, and to report results of said evaluation, as follows:

1. There shall be routine annual assessment of RF emissions by the applicant or by an independent consultant using either actual field measurement of radiation or by utilizing the OET Bulletin 65 protocol. This assessment shall evaluate levels of RF emissions from the personal wireless service facility site's primary antennas as well as from repeaters (if any). A report of the monitoring results shall be prepared by the independent consultant and submitted to the Board of Selectmen, the Planning Board, the Board of Health, the Town Engineer, the Building Inspector and the Town Clerk.

2. Any major modification of an existing personal wireless service facility, or the activation of any additional permitted channels, shall require new evaluation.

9.3.19. Excessive emissions. Should the evaluation of a personal wireless service facility site reveal that the site exceeds the levels allowed under OET Bulletin 65, then the owner(s) of all facilities utilizing that site shall be so notified. The owner(s) shall submit to the SPGA and the Building Inspector a plan for reduction of emissions to a level that complies with OET Bulletin 65 within 10 business days of notification of noncompliance. That plan shall reduce emissions to the standard within 15 days of initial notification of noncompliance. Failure to accomplish this reduction of emission within 15 business days of initial notification of noncompliance shall be a violation of the special permit and subject to penalties and fines as specified in Section 10.1. Such fines shall be payable by the owner(s) of the facilities with antennas on the facility site, until compliance is achieved.

9.3.20. Structural inspection. Tower owner(s) shall provide inspection reports from a professional engineer assessing the structural integrity and safety of the tower(s) at intervals of three years from initial certificate of occupancy for guyed towers and five years for monopoles and nonguyed lattice towers. The inspection report shall be submitted to the Board of Selectmen, the Town Engineer, the Building Inspector, and the Town Clerk. Any major modification of an existing facility which includes changes to tower dimensions may require new structural inspection.

9.3.21. Unsafe structure. Should the inspection of any tower reveal any structural defect(s) which render(s) that tower unsafe, the following actions must be taken. Within 10 business days of notification of unsafe structure, the owner(s) of the tower shall submit a plan to remediate the structural defect(s). This plan shall be initiated within 10 days of the submission of the remediation plan and completed as soon as reasonably possible. Failure to accomplish this remediation of structural defect(s) within 10 business days of initial notification shall be a violation of the special permit and subject to penalties and fines as specified in Section 10.1. Such fines shall be payable by the owner(s) of the tower, until compliance is achieved.

9.3.22. Removal requirements. Any personal wireless service facility which ceases to operate for a period of one year shall be removed. "Cease to operate" is defined as not performing the normal functions associated with the personal wireless service facility and its equipment on a continuous and ongoing basis for a period of one year. At the time of removal, the personal wireless facility site shall be remediated such that all personal wireless service facility improvements which have ceased to operate are removed. If all personal wireless service facilities on a tower have ceased to operate, the tower shall also be removed, and the site shall be revegetated. Existing trees shall only be removed if necessary to complete the required removal. The applicant shall, as a condition of the special permit, provide a financial surety, or other form of financial guarantee payable to the Town of Great Barrington and acceptable to the SPGA, to cover the cost of removal of the personal wireless service tower or personal wireless service facility and the remediation of the landscape, should the personal wireless service tower or personal wireless service facility cease to operate.

9.3.23. Fees and insurance.

1. Each personal wireless tower or structure or personal wireless service facility shall be insured by the owner(s) against damage to persons or property. The owner(s) shall provide a certificate of insurance to the Selectmen's office on an annual basis.

2. A schedule of fees for towers and personal wireless service facilities permitting and renewal, any monitoring of emissions and inspection of structures, and any other fees shall be established by the SPGA as provided for in Section 10.4. This schedule may be amended from time to time.

Additional Information Requested by Selectboard

March 26, 2018

Members of the Board of Selectmen / Members of the Planning Board
Town of Great Barrington
334 Main Street
Great Barrington, MA 01230

RE: **Eligible Facilities Request to Modify Transmission Equipment at an Existing Base Station**
Sprint Antenna Upgrades @ 425 Stockbridge Rd., Great Barrington, MA
SBA Communications: Agent for Sprint / Sprint #: AL72XC101_DO Macro

Dear Members of the Board of Selectmen and Members of the Planning Board:

We are in receipt of your letter of February 26, 2018. Below, and attached, please find the additional information you have requested.

1. *Section 9.3.9 – Items 20, 21, 22 and 23*
   20. For each antenna, the antenna gain and antenna radiation pattern.
   21. Number of channels per antenna, projected and maximum.
   22. Power output, in normal use and at maximum output for each antenna and all antennas as an aggregate.
   23. Output frequency of the transmitter(s).
   - **Please see page 6, Section 10.0 of the attached signed/sealed RF Report**

2. Section 9.3.8 – Item 1
   1. *Copies of all submittals and showings pertaining to: FCC licensing; environmental impact statements; FAA notice of construction or alteration; aeronautical studies; and all data, assumptions and calculations relating to service coverage and power levels regardless of whether categorical*
   - **Minor modifications such as those proposed do not require the above originally produced documents to be re-applied for – copies of previously produced reports are attached as follows:**
     - **FCC Structure Registration attached**
     - **FAA Determination attached**
     - **Sprint FCC Licenses attached**
     - **Environmental Assessment Report produced 4/24/03 – Cover and page 15, of 111 page document, showing Section 5.0 "Finding of No Significant Impact', attached for reference**
     - **Environmental Evaluation Report produced 4/2003 – Cover and page 8 of report, showing Section 3.0 "Findings", attached for reference**

3. RF Emissions Certification showing conformance to levels allowed under OET Bulletin 65 / Section 9.3.18
   - **Please find attached signed/sealed RF Report**

Respectfully,

Kri Pelletier
Property Specialist
SBA COMMUNICATIONS CORPORATION
134 Flanders Rd., Suite 125, Westborough, MA 01581
508.251.0720 x3804 + T - 508.366.2610 + F
kpelletier@sbasite.com

cc : Edwin May, Building Inspector via Email

Radio Frequency – Electromagnetic Energy (RF-EME) Compliance Report

Site No. AL72XC101
MA1266
425 Stockbridge Road
Great Barrington, Massachusetts 01230
Berkshire County
42.214170; -73.344690 NAD83
Lattice Tower

EBI Project No. 6218001869
March 18, 2018

Prepared for:

Sprint Nextel
9 Crosby Drive
Bedford, MA 01730

Prepared by:

EBI Consulting
environmental | engineering | due diligence

EXECUTIVE SUMMARY

Purpose of Report

EnviroBusiness Inc. (dba EBI Consulting) has been contracted by Sprint to conduct radio frequency electromagnetic (RF-EME) modeling for Sprint Site AL72XC101 located at 425 Stockbridge Road in Great Barrington, Massachusetts to determine RF-EME exposure levels from proposed Sprint wireless communications equipment at this site. As described in greater detail in Appendix B of this report, the Federal Communications Commission (FCC) has developed Maximum Permissible Exposure (MPE) Limits for general public exposures and occupational exposures. This report summarizes the results of RF-EME modeling in relation to relevant FCC RF-EME compliance standards for limiting human exposure to RF-EME fields.

This report contains a detailed summary of the RF EME analysis for the site.

This document addresses the compliance of Sprint's proposed transmitting facilities independently and in relation to all existing collocated facilities at the site.

Modeling results included in this report are based on drawings dated February 2, 2018 as provided to EBI Consulting. Subsequent changes to the drawings or site design may yield changes in the MPE levels or FCC Compliance recommendations.

Maximum Permissible Exposure (MPE) Summary			
Location	**% of FCC General Public/Uncontrolled Exposure Limit**	**% of FCC Occupational/Controlled Exposure Limit**	**Power Density (mW/cm^2)**
All Carrier Equipment			
Ground	3.80	0.76	0.02027
Sprint Equipment			
Ground	1.60	0.32	0.00853

Statement of Compliance

Based on worst-case predictive modeling, there are no modeled exposures on any accessible ground-level walking/working surface related to Sprint's proposed equipment in the area that exceed the FCC's occupational and/or general public exposure limits at this site. As such, the proposed Sprint project is in compliance with FCC rules and regulations.

Signage is recommended at the site as presented in Section 9.0 and Appendix A. Posting of the signage brings the site into compliance with FCC rules and regulations.

1.0 Location of all Existing Antennas and Facilities and Existing RF Levels

Sprint proposes the addition of three (3) wireless telecommunication antennas and six (6) RRHs on a lattice tower in Great Barrington, Massachusetts. The proposed modification will result in a total of six (6) Sprint antennas at the site. There are three sectors (A, B and C) proposed at the site, with one (1) proposed and one (1) existing antenna per sector.

Based on drawings and aerial photography review, AT&T, T-Mobile, Verizon and omni wireless antennas are also present on the lattice tower. These antennas were included in the modeling analysis.

Additionally, information regarding other carrier antennas was supplemented by a Structural Analysis report provided by Sprint.

2.0 Location or all Approved (but not installed) Antennas and Facilities and Expected RF Levels from the Approved Facilities

There are no antennas or facilities that are approved and not installed based on information provided to EBI and Sprint at the time of this report.

3.0 Number and Types of Wireless Telecommunication Sites (WTS) within 100 Feet of the Proposed Site

There are no other Wireless Telecommunication Service (WTS) sites observed within 100 feet of the proposed site.

4.0 Location and Number of the Sprint Antennas and Back-up Facilities per Structure and Number and Location of Other Telecommunication Facilities on the Property

Sprint proposes the addition of three (3) wireless telecommunication antennas and six (6) RRHs on a lattice tower in Great Barrington, Massachusetts. The proposed modification will result in a total of six (6) Sprint antennas at the site. There are three sectors (A, B and C) proposed at the site, with one (1) proposed and one (1) existing antenna per sector. In each sector, there is proposed to be one antenna transmitting in the 800 and 1900 MHz frequency ranges and one antenna transmitting in the 2500 MHz frequency range. The Sector A antennas will be oriented 350° from true north. The Sector B antennas will be oriented 180° from true north. The Sector C antennas will be oriented 290° from true north. The bottoms of the antennas will be 152.0 feet above ground level.
Based on drawings and aerial photography review, AT&T, T-Mobile, Verizon and omni wireless antennas are also present on the lattice tower. These antennas were included in the modeling analysis.

Additionally, information regarding other carrier antennas was supplemented by a Structural Analysis report provided by Sprint.

5.0 Power Rating for all Existing and Proposed Backup Equipment Subject to the Application

The operating power of each frequency, for modeling purposes, was assumed to be the following:

Sprint Operating Powers Per Sector		
Frequency (MHz)	**Power (Watts)**	**# of Transmitters**
800	50	4
1900	45	4
2500	20	8

Additional transmitter information used in the modeling of Sprint antennas is summarized in the RoofView® export file presented in Appendix D.

6.0 Total Number of Watts per Installation and the Total Number of Watts for all Installations on the Structure

The Effective Radiated Power (ERP) for each carrier and frequency is summarized below:

Effective Radiated Power (ERP) per Frequency	
Frequency (MHz)	**ERP (Watts)**
Sprint 800	11,070
Sprint 1900	17,717
Sprint 2500	16,682
Other Carriers (Total)*	54,861

* Other carrier ERPs were not provided. The ERP calculation is based on worst-case assumptions of other carrier operating powers.

7.0 Preferred Method of Attachment of Proposed Antenna with Plot or Roof Plan including: Directionality of Antennas, Height of Antennas above Nearest Walking Surface, Discuss Nearby Inhabited Buildings

Based on the information provided to EBI, the proposed antennas are to be rack-mounted on the lattice tower and operating in the directions, frequencies, and heights mentioned in section 4.0 above. There is a WSBS radio broadcaster building approximately 60 feet to the east northeast of the proposed site. The surrounding areas to the north, west and south are primarily farmland and scattered vegetation.

8.0 Estimated Ambient Radio Frequency Fields for the Proposed Site

Based on worst-case predictive modeling, there are no modeled exposures on any accessible ground-level walking/working surface related to Sprint's proposed equipment in the area that exceed the FCC's occupational and/or general public exposure limits at this site. As such, the proposed Sprint project is in compliance with FCC rules and regulations.

Maximum Permissible Exposure (MPE) Summary			
Location	**% of FCC General Public/Uncontrolled Exposure Limit**	**% of FCC Occupational/Controlled Exposure Limit**	**Power Density (mW/cm^2)**
All Carrier Equipment			
Ground	3.80	0.76	0.02027
Sprint Equipment			
Ground	1.60	0.32	0.00853

The inputs used in the modeling are summarized in the RoofView® export file presented in Appendix D.

There are no modeled areas on the ground that exceed the FCC's limits for general public or occupational exposure in front of the other carrier antennas.

9.0 Signage at the Facility Identifying all WTS Equipment and Safety Precautions for People Nearing the Equipment as may be Required by the Applicable FCC Adopted Standards (Discuss Signage for Those who Speak Languages Other than English)

Signs are the primary means for control of access to areas where RF exposure levels may potentially exceed the MPE. It is recommended that Notice signs be installed for the new antennas making people aware of the antennas locations. There are no exposures above the FCC limits in front of the proposed antennas and therefore barriers are not recommended.

Workers that are elevated above the ground may be exposed to power densities greater than the occupational limit. Workers should be informed about the presence of antennas and their associated fields and practice RF Safety Procedures. To reduce the risk of exposure and/or injury, EBI recommends that access to the lattice tower or areas associated with the active antenna installation be restricted and secured where possible.

Access to this site is unknown. To be conservative, the modeling results are reported as though the general public is able to access the lattice tower.

10.0 PLANNING BOARD ADDITIONAL REQUIREMENTS

The Town of Great Barrington has requested the following information to be submitted along with the application for modifications to the wireless communications tower. There are no exposures above the FCC limits in front of the proposed antennas at ground level. All RF emissions conform to levels allowed under OET Bulletin 65. Antenna specification sheets with radiation patterns are included in Appendix E.

Sprint Antenna	Output Frequency (MHz)	Gain (dBd)	Projected Channel Count	Maximum Channel Count	Normal Use Power Output ERP (W)	Maximum Use Power Output ERP (W)	Maximum Use Total Power Output ERP (W)
A1	2500	16.15	8	16	442	5,561	45,469
A2	800	13.4	4	8	294	3,690	
A2	1900	15.9	4	8	470	5,906	
B1	2500	16.15	8	16	442	5,561	
B2	800	13.4	4	8	294	3,690	
B2	1900	15.9	4	8	470	5,906	
C1	2500	16.15	8	16	442	5,561	
C2	800	13.4	4	8	294	3,690	
C2	1900	15.9	4	8	470	5,906	

11.0 STATEMENT ON WHO PRODUCED THIS REPORT AND QUALIFICATIONS

Please see the certifications attached in Appendix C below.

12.0 LIMITATIONS

This report was prepared for the use of Sprint. It was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same locale under like circumstances. The conclusions provided by EBI are based solely on the information provided by the client. The observations in this report are valid on the date of the investigation. Any additional information that becomes available concerning the site should be provided to EBI so that our conclusions may be revised and modified, if necessary. This report has been prepared in accordance with Standard Conditions for Engagement and authorized proposal, both of which are integral parts of this report. No other warranty, expressed or implied, is made.

13.0 SUMMARY AND CONCLUSIONS

EBI has prepared this Radiofrequency Emissions Compliance Report for the proposed Sprint telecommunications equipment at the site located at 425 Stockbridge Road in Great Barrington, Massachusetts.

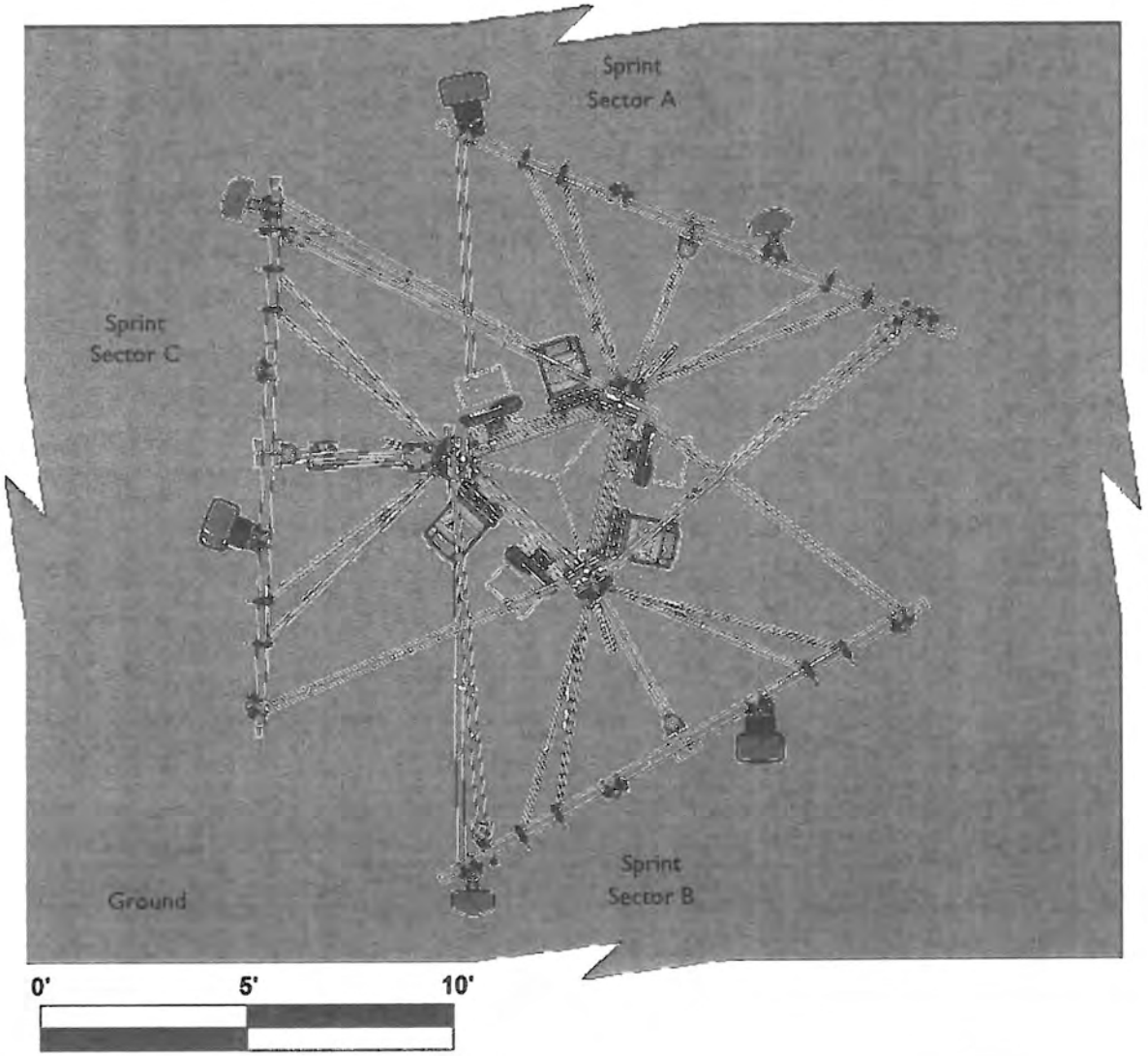
EBI has conducted theoretical modeling to estimate the worst-case power density from proposed Sprint antennas and the other carriers' existing antennas to document potential MPE levels at this location and ensure that site control measures are adequate to meet FCC and OSHA requirements. As presented in

the preceding sections, based on worst-case predictive modeling, there are no modeled exposures on any accessible ground-level walking/working surface related to Sprint's proposed equipment in the area that exceed the FCC's occupational and/or general public exposure limits at this site. As such, the proposed Sprint project is in compliance with FCC rules and regulations.

Signage is recommended at the site as presented in Section 9.0 and Appendix A. Posting of the signage brings the site into compliance with FCC rules and regulations.

Appendix A

MPE Analysis and Recommended Signage



Post Sign at the Compound Entrance (if present) or Base of Tower Climbing Ladder

% FCC Public Exposure Limit
Exposure Level ≥ 5,000
500 < Exposure Level ≤ 5,000
100 < Exposure Level ≤ 500
Exposure Level ≤ 100

Sprint Antennas

*For Clarity, Other Carrier Antennas are Not Shown.

MPE Analysis and Recommended Signage
Facility Operator: Sprint
Site Name: MA1266
Sprint Site Number: AL72XC101
Report Date: March 18, 2018

EBI Consulting
environmental | engineering | due diligence

Appendix B

Federal Communications Commission (FCC) Requirements

The FCC has established Maximum Permissible Exposure (MPE) limits for human exposure to Radiofrequency Electromagnetic (RF-EME) energy fields, based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP) and, over a wide range of frequencies, the exposure limits developed by the Institute of Electrical and Electronics Engineers, Inc. (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC guidelines incorporate two separate tiers of exposure limits that are based upon occupational/controlled exposure limits (for workers) and general public/uncontrolled exposure limits for members of the general public.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/ controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general public/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

General public/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Table 1 and Figure 1 (below), which are included within the FCC's OET Bulletin 65, summarize the MPE limits for RF emissions. These limits are designed to provide a substantial margin of safety. They vary by frequency to take into account the different types of equipment that may be in operation at a particular facility and are "time-averaged" limits to reflect different durations resulting from controlled and uncontrolled exposures.

The FCC's MPEs are measured in terms of power (mW) over a unit surface area (cm^2). Known as the power density, the FCC has established an occupational MPE of 5 milliwatts per square centimeter (mW/cm^2) and an uncontrolled MPE of 1 mW/cm2 for equipment operating in the 1900 MHz and 2500 MHz frequency ranges. For the Sprint equipment operating at 800 MHz, the FCC's occupational MPE is 2.66 mW/cm^2 and an uncontrolled MPE of 0.53 mW/cm^2. These limits are considered protective of these populations.

Table 1: Limits for Maximum Permissible Exposure (MPE)

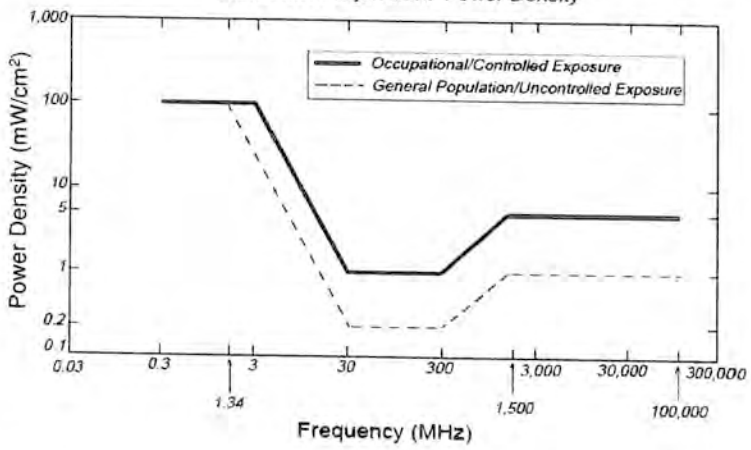
(A) Limits for Occupational/Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm^2)	Averaging Time $[E]^2$, $[H]^2$, or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	($900/f^2$)*	6
30-300	61.4	0.163	1.0	6
300-1,500	--	--	f/300	6
1,500-100,000	--	--	5	6

(B) Limits for General Public/Uncontrolled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $[E]^2$, $[H]^2$, or S (minutes)**
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	($180/f^2$)*	30
30-300	27.5	0.073	0.2	30
300-1,500	--	--	f/1,500	30
1,500-100,000	--	--	1.0	30

f = Frequency in (MHz)
* Plane-wave equivalent power density

Figure 1. FCC Limits for Maximum Permissible Exposure (MPE)



Based on the above, the most restrictive thresholds for exposures of unlimited duration to RF energy for several personal wireless services are summarized below:

Personal Wireless Service	Approximate Frequency	Occupational MPE	Public MPE
Personal Communication Services (PCS)	1,950 MHz	5.00 mW/cm^2	1.00 mW/cm^2
Cellular Telephone	870 MHz	2.90 mW/cm^2	0.58 mW/cm^2
Specialized Mobile Radio	855 MHz	2.85 mW/cm^2	0.57 mW/cm^2
Most Restrictive Freq. Range	30-300 MHz	1.00 mW/cm^2	0.20 mW/cm^2

MPE limits are designed to provide a substantial margin of safety. These limits apply for continuous exposures and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health.

Personal Communication Services (PCS) facilities used by Sprint in this area operate within a frequency range of 800-1900 MHz. Facilities typically consist of: 1) electronic transceivers (the radios or cabinets) connected to wired telephone lines; and 2) antennas that send the wireless signals created by the transceivers to be received by individual subscriber units (PCS telephones). Transceivers are typically connected to antennas by coaxial cables.

Advanced Wireless Services (AWS) facilities used by Sprint in this area operate within a frequency range of 2496 - 2690 MHz. Facilities typically consist of: 1) electronic transceivers (the radios or cabinets); and 2) antennas that send the wireless signals created by the transceivers to be received by individual subscriber units. Transceivers are typically connected to antennas by coaxial cables.

Because of the short wavelength of PCS/AWS services, the antennas require line-of-site paths for good propagation, and are typically installed above ground level. Antennas are constructed to concentrate energy towards the horizon, with as little energy as possible scattered towards the ground or the sky. This design, combined with the low power of PCS facilities, generally results in no possibility for exposure to approach Maximum Permissible Exposure (MPE) levels, with the exception of areas directly in front of the antennas.

FCC Compliance Requirement

A site is considered out of compliance with FCC regulations if there are areas that exceed the FCC exposure limits and there are no RF hazard mitigation measures in place. Any carrier which has an installation that contributes more than 5% of the applicable MPE must participate in mitigating these RF hazards.

Appendix C

Certifications

Preparer Certification

I, Jos Schorr, state that:

- I am an employee of EnviroBusiness Inc. (d/b/a EBI Consulting), which provides RF-EME safety and compliance services to the wireless communications industry.
- I have successfully completed RF-EME safety training, and I am aware of the potential hazards from RF-EME and would be classified "occupational" under the FCC regulations.
- I am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation.
- I have been trained on RF-EME modeling using RoofView® modeling software.
- I have reviewed the data provided by the client and incorporated it into this Site Compliance Report such that the information contained in this report is true and accurate to the best of my knowledge.

Reviewed and Approved by:

sealed 19mar2018 mike@h2dc.com
H2DC PLLC Ma CoA: 001239603

Michael McGuire
Electrical Engineer

Note that EBI's scope of work is limited to an evaluation of the Radio Frequency – Electromagnetic Energy (RF-EME) field generated by the antennas and broadcast equipment noted in this report. The engineering and design of the structure, as well as the impact of the antennas and broadcast equipment on the structural integrity of the structure, are specifically excluded from EBI's scope of work.

Appendix D

RoofView® Export File / Antenna Inventory

StartMapDefinition

Roof Max	Roof Max	Map Max X	Map Max Y	Offset	X Offset	Number o	envelope
60	60	90	90	30	30	1	$AO$131:$AO$131:$CV$190

StartSettingsData

Standard	Method	Uptime	Scale Fact	Low Thr	Low Color	Mid Thr	Mid Color	Hi Thr	Hi Color	Over Colo	Ap Ht Mul	Ap Ht Method
4	2	3	1	100	1	500	4	5000	2	3	1.5	1

StartAntennaData It is advisable to provide an ID (ant 1) for all antennas

ID	Name	(MHz) Freq	Trans Power	Trans Count	Coax Len	Coax Type	Other Loss	Input Power	Calc Power	Mfg	Model	(ft) X	(ft) Y	(ft) Z	Type	(ft) Aper	dBd Gain	BWdth Pt Dir	Uptime Profile	ON flag
SPT A1	Sprint	2500	20	8	10	1/2 LDF	0.5		134.9336	Commsco	DT465B-2)	15	35	152.005		5.99	16.15	69;350		ON•
SPT A2	Sprint	800	50	4	10	1/2 LDF	0.5		168.667	RFS	APXVSPP1	23	32	152		6	13.4	65;350		ON•
SPT A2	Sprint	1900	45	4	10	1/2 LDF	0.5		151.8003	RFS	APXVSPP1	23	32	152		6	15.9	65;350		ON•
SPT B1	Sprint	2500	20	8	10	1/2 LDF	0.5		134.9336	Commsco	DT465B-2)	22	19	152.005		5.99	16.15	69;180		ON•
SPT B2	Sprint	800	50	4	10	1/2 LDF	0.5		168.667	RFS	APXVSPP1	15	15	152		6	13.4	65;180		ON•
SPT B2	Sprint	1900	45	4	10	1/2 LDF	0.5		151.8003	RFS	APXVSPP1	15	15	152		6	15.9	65;180		ON•
SPT C1	Sprint	2500	20	8	10	1/2 LDF	0.5		134.9336	Commsco	DT465B-2)	9	24	152.005		5.99	16.15	69;290		ON•
SPT C2	Sprint	800	50	4	10	1/2 LDF	0.5		168.667	RFS	APXVSPP1	10	32	152		6	13.4	65;290		ON•
SPT C2	Sprint	1900	45	4	10	1/2 LDF	0.5		151.8003	RFS	APXVSPP1	10	32	152		6	15.9	65;290		ON•
ATT A1	AT&T	850	30	4				3	60.14247	Unknown	Unknown	15	35	140.5		5	12	65;350		ON•
ATT A2	AT&T	1900	30	4				3	60.14247	Unknown	Unknown	19	33	140.5		5	16	65;350		ON•
ATT A3	AT&T	2100	40	2				3	40.09498	Unknown	Unknown	23	32	140.5		5	16	65;350		ON•
ATT A4	AT&T	700	60	1				3	30.07123	Unknown	Unknown	26	30	140.5		5	12	65;350		ON•
ATT B1	AT&T	850	30	4				3	60.14247	Unknown	Unknown	26	21	140.5		5	12	65;180		ON•
ATT B2	AT&T	1900	30	4				3	60.14247	Unknown	Unknown	22	19	140.5		5	16	65;180		ON•
ATT B3	AT&T	2100	40	2				3	40.09498	Unknown	Unknown	19	17	140.5		5	16	65;180		ON•
ATT B4	AT&T	700	60	1				3	30.07123	Unknown	Unknown	15	16	140.5		5	12	65;180		ON•
ATT C1	AT&T	850	30	4				3	60.14247	Unknown	Unknown	9	20	140.5		5	12	65;290		ON•
ATT C2	AT&T	1900	30	4				3	60.14247	Unknown	Unknown	9	24	140.5		5	16	65;290		ON•
ATT C3	AT&T	2100	40	2				3	40.09498	Unknown	Unknown	10	28	140.5		5	16	65;290		ON•
ATT C4	AT&T	700	60	1				3	30.07123	Unknown	Unknown	10	32	140.5		5	12	65;290		ON•
VZW A1	Verizon	850	30	4				3	60.14247	Unknown	Unknown	15	35	133.5		5	12	85;350		ON•
VZW A2	Verizon	1900	30	4				3	60.14247	Unknown	Unknown	19	33	133.5		5	16	85;350		ON•
VZW A3	Verizon	2100	40	2				3	40.09498	Unknown	Unknown	23	32	133.5		5	16	85;350		ON•
VZW A4	Verizon	700	60	1				3	30.07123	Unknown	Unknown	26	30	133.5		5	12	85;350		ON•
VZW B1	Verizon	850	30	4				3	60.14247	Unknown	Unknown	26	21	133.5		5	12	85;180		ON•
VZW B2	Verizon	1900	30	4				3	60.14247	Unknown	Unknown	22	19	133.5		5	16	85;180		ON•
VZW B3	Verizon	2100	40	2				3	40.09498	Unknown	Unknown	19	17	133.5		5	16	85;180		ON•
VZW B4	Verizon	700	60	1				3	30.07123	Unknown	Unknown	15	16	133.5		5	12	85;180		ON•
VZW C1	Verizon	850	30	4				3	60.14247	Unknown	Unknown	9	20	133.5		5	12	85;290		ON•
VZW C2	Verizon	1900	30	4				3	60.14247	Unknown	Unknown	9	24	133.5		5	16	85;290		ON•
VZW C3	Verizon	2100	40	2				3	40.09498	Unknown	Unknown	10	28	133.5		5	16	85;290		ON•
VZW C4	Verizon	700	60	1				3	30.07123	Unknown	Unknown	10	32	133.5		5	12	85;290		ON•
TMO A1	T-Mobile	1900	15	4				3	30.07123	Unknown	Unknown	15	35	124.5		5	16	65;350		ON•
TMO A2	T-Mobile	1900	15	4				3	30.07123	Unknown	Unknown	19	33	124.5		5	16	65;350		ON•
TMO A3	T-Mobile	2100	30	4				0.5	106.9501	Unknown	Unknown	23	32	124.5		5	16	65;350		ON•
TMO B1	T-Mobile	1900	15	4				3	30.07123	Unknown	Unknown	26	21	124.5		5	16	65;180		ON•
TMO B2	T-Mobile	1900	15	4				3	30.07123	Unknown	Unknown	22	19	124.5		5	16	65;180		ON•
TMO B3	T-Mobile	2100	30	4				0.5	106.9501	Unknown	Unknown	19	17	124.5		5	16	65;180		ON•
TMO C1	T-Mobile	1900	15	4				3	30.07123	Unknown	Unknown	9	20	124.5		5	16	65;290		ON•
TMO C2	T-Mobile	1900	15	4				3	30.07123	Unknown	Unknown	9	24	124.5		5	16	65;290		ON•
TMO C3	T-Mobile	2100	30	4				0.5	106.9501	Unknown	Unknown	10	28	124.5		5	16	65;290		ON•
Omni 1	Omni	850	100	1				3	50.11872	Unknown	Unknown	15	26	163		6	12	OMNI		ON•
Omni 2	Omni	850	100	1				3	50.11872	Unknown	Unknown	20	28	163		6	12	OMNI		ON•
Omni 3	Omni	850	100	1				3	50.11872	Unknown	Unknown	14	26	90.5		6	12	OMNI		ON•

Appendix E

Antenna Specification Sheets / Radiation Patterns

PRODUCT DATASHEET

APXV18-276516-C-A20

RADIO FREQUENCY SYSTEMS
The Clear Choice®

Cellular Cross Polarized High Band Antenna, 1710-2700, 65deg, 16.9-18.6dBi, 1.3m, VET, 0 -12deg RET

This antenna is an excellent choice for LTE 2.6, 3G, PCS, AWS, GSM 1800 and Mobile TV networks where high gain is required.

FEATURES / BENEFITS

- Ultra Broadband design
- Variable electrical downtilt — provides enhanced precision in controlling intercell interference. The tilt is infield adjustable 0-12 deg.
- High Suppression of all Upper Sidelobes
- Optional remote tilt — can be retrofitted
- Dual polarization
- Low profile for low visual impact
- Quick and easy to adjust
- High front-to-back ratio

Technical Features

ELECTRICAL SPECIFICATIONS					
Frequency Range	MHz	1710-1880	1850-1990	1920-2170	2200-2700
Gain, Low Tilt	dBi	16.9	17.4	17.8	18.6
Gain, Mid Tilt	dBi	16.9	17.3	17.5	18.4
Gain, High Tilt	dBi	16.8	17.2	17.3	17.7
Horizontal Beamwidth	deg	69	67	65	60
Vertical Beamwidth	deg	7.7	7.4	7.1	5.7
Electrical Downtilt Range	deg	0-12			
Upper Sidelobe Suppression	dB	> 17 Typical			
Front-To-Back Ratio	dB	> 30			
Polarization		Dual pol +/-45°			
VSWR		< 1.5:1			
Isolation between Ports	dB	> 30			
3rd Order IMP @ 2 x 43 dBm	dBc	> 150			
Impedance	Ohms	50.0			
Maximum Power Input	W	300.0	300.0	300.0	270.0
MECHANICAL SPECIFICATIONS					
Lightning Protection		Direct Ground			
Connector Type/Location		(2) 7-16 Long Neck Female/Bottom			
Dimensions - HxWxD	mm (in)	1391 x 175 x 110 (54.8 x 6.9 x 4.3)			
Weight w/o Mtg Hardware	kg (lb)	7.5 (16.5)			
Weight w/ Mtg Hardware	kg (lb)	10.4 (22.9)			
Survival/Rated Wind Speed	km/h (mph)	200 (125) / 150 (93.2)			
Applied Wind Load Standard		DIN 1055-4			
Wind Load @ Rated Wind, Front	N (lbf)	295 (66) 295			
Wind Load @ Rated Wind, Max.	N (lbf)	295 (66) null			
Wind Load @ Rated Wind, Side	N (lbf)	105 (24)			
Wind Load @ Rated Wind, Rear	N (lbf)	220 (49)			
TESTING AND ENVIRONMENTAL					
Operation temperature	°C (°F)	-40 to 60 (-40 to 140)			
MATERIAL					
Radome Material/Color		ASA Plastic/Light Grey RAL7035			
Mounting Hardware Material		Diecasted Aluminum and Stainless Steel			
Radiating Element Material		Aluminum			
Reflector Material		Aluminum			

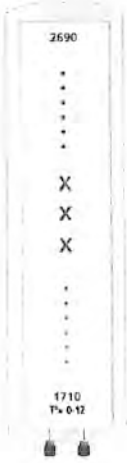
RADIO FREQUENCY SYSTEMS
The Clear Choice™

Cellular Cross Polarized High Band Antenna, 1710-2700, 65deg, 16.9-18.6dBi, 1.3m, VET, 0 -12deg RET

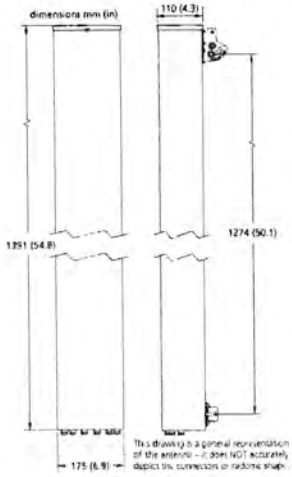
ORDERING INFORMATION

Shipping Weight	kg (lb)	13.6 (30)
Packing Dimensions	mm (in)	1469 x 267 x 229 (57.83 x 10.5 x 9)
Mounting Hardware		APM40-2
Mounting Pipe Diameter	mm (in)	60 - 120 (2.36 - 4.72)
Mounting Hardware Weight	kg (lb)	3.4 (7.5)

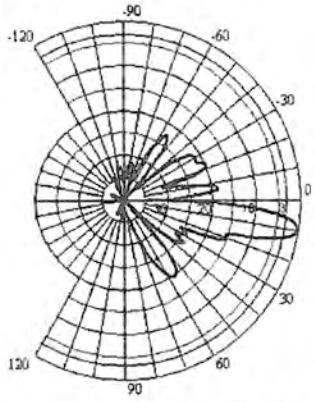
Antenna End Plate



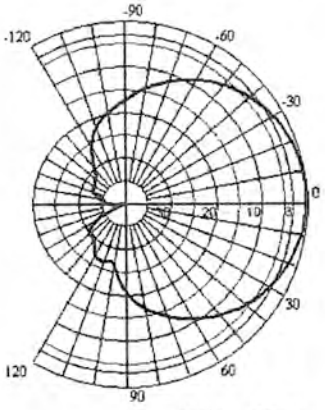
Antenna Array



Antenna Drawing



Vertical Pattern



Horizontal Pattern

External Document Links

APM40 Series Datasheet
APM40 Series Installation Instructions

Notes

Available Configurations

- APXV18-276516-C — No ACU included — Weight 10.4 kg, 22.9 lb
- APXV18-276516-C-A20 — (1) Pre-commissioned ACU included — Weight 10.9 kg, 24.0 lb
- For additional mounting information please click "External Document Links" below

Product Specifications

COMMSCOPE®

DT465B-2XR-V2

10-port, Multiband, DualPol® Planar Array ® Antenna, 2x 817-869, 8x 2490-2690 MHz, 65° HPBW, 2x RET with individual tilt available for the 850 MHz band and 2500 MHz bands.

- Integrated with a calibration board
- 1 column for 817-869 MHz and 4 columns for 2490-2690 MHz
- Two sets of AISG inputs for independent control of the internal RETs

Electrical Specifications

Frequency Band, MHz	817–869	2490–2690
Gain, dBi	16.3	18.3
Beamwidth, Horizontal, degrees	62	69
Beamwidth, Vertical, degrees	10.6	4.3
Beam Tilt, degrees	0–8	0–6
USLS (First Lobe), dB	19	16
Front-to-Back Ratio at 180°, dB	28	28
Isolation, dB	28	27
Isolation, Intersystem, dB	30	30
VSWR | Return Loss, dB	1.5 | 14.0	1.5 | 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150
Input Power per Port, maximum, watts	300	50
Polarization	±45°	±45°
Impedance	50 ohm	50 ohm

Electrical Specifications, BASTA*

Frequency Band, MHz	817–869	2490–2690
Gain by all Beam Tilts, average, dBi	16.1	17.9
Gain by all Beam Tilts Tolerance, dB	±0.2	±0.4
Gain by Beam Tilt, average, dBi	0 ° | 16.1 4 ° | 16.2 8 ° | 16.0	0 ° | 18.0 3 ° | 18.0 6 ° | 17.7
Beamwidth, Horizontal Tolerance, degrees	±0.6	±9.6
Beamwidth, Vertical Tolerance, degrees	±0.4	±0.2
USLS, beampeak to 20° above beampeak, dB	19	16
Front-to-Back Total Power at 180° ± 30°, dB	27	24
CPR at Boresight, dB	21	18
CPR at Sector, dB	16	8

* CommScope® supports NGMN recommendations on Base Station Antenna Standards (BASTA). To learn more about the benefits of BASTA, download the whitepaper Time to Raise the Bar on BSAs.

Electrical Specifications, Broadcast 65°

Frequency Band, MHz	817–869	2490–2690
Gain, dBi		16.8
Beamwidth, Horizontal, degrees		68

Beamwidth, Horizontal Tolerance, degrees	±7
Beamwidth, Vertical, degrees	4.3
Beamwidth, Vertical Tolerance, degrees	±0.2
CPR at Boresight, dB	19
CPR at Sector, dB	4
Front-to-Back Total Power at 180° ± 30°, dB	26
Null Fill, dB	26

Electrical Specifications, Service Beam

Frequency Band, MHz	**817–869**	**2490–2690**
Steered 0° Gain, dBi		23.7
Steered 0° Gain Tolerance, dBi		±0.5
Steered 0° Beamwidth, Horizontal, degrees		20
Steered 0° CPR at Beampeak, dB		22
Steered 0° Horizontal Sidelobe, dB		11
Steered 30° Gain, dBi		21.4
Steered 30° Gain Tolerance, dBi		±1.4
Steered 30° Beamwidth, Horizontal, degrees		22
Steered 30° Horizontal Sidelobe, dB		5

Beam Forming Weights

			Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
P0	Tapered_Broadcast_65° for tilt0-3	Amp(voltage)	0.81	0	1	0	0.73	0	0.6	0
		PHz	0	0	115	0	100	0	0	0
P1	Tapered_Broadcast_65° for tilt0-3	Amp(voltage)	0	0.81	0	1	0	0.73	0	0.6
		PHz	0	0	0	115	0	100	0	0
P0	Tapered_Broadcast_65° for tilt4-8	Amp(voltage)	0.81	0	1	0	0.73	0	0.6	0
		PHz	0	0	130	0	100	0	7	0
P1	Tapered_Broadcast_65° for tilt4-8	Amp(voltage)	0	0.81	0	1	0	0.73	0	0.6
		PHz	0	0	0	130	0	100	0	7
P0	FullPower_Broadcast_65° for tilt0-8	Amp(voltage)	1	1	1	1	0	0	0	0
		PHz	80	57	0	137	0	0	0	0
P1	FullPowerBroadcast_65° for tilt0-8	Amp(voltage)	0	0	0	0	1	1	1	1
		PHz	0	0	0	0	80	-123	0	-43
+45	Service Beam_0° for tilt0-8	Amp(voltage)	1	0	1	0	1	0	1	0
		PHz	0	0	0	0	0	0	0	0
-45	Service Beam_0° for tilt0-8	Amp(voltage)	0	1	0	1	0	1	0	1
		PHz	0	0	0	0	0	0	0	0
+45	Service Beam_30° for tilt0-8	Amp(voltage)	1	0	1	0	1	0	1	0
		PHz	0	0	120	0	-120	0	0	0
-45	Service Beam_30° for tilt0-8	Amp(voltage)	0	1	0	1	0	1	0	1
		PHz	0	0	0	120	0	-120	0	0
+45	Service Beam_-30° for tilt0-8	Amp(voltage)	1	0	1	0	1	0	1	0
		PHz	0	0	-120	0	120	0	0	0
-45	Service Beam_-30° for tilt0-8	Amp(voltage)	0	1	0	1	0	1	0	1
		PHz	0	0	0	-120	0	120	0	0

General Specifications

Operating Frequency Band	2490 – 2690 MHz | 817 – 869 MHZ
Antenna Type	Sector

Product Specifications

COMMSCOPE®

DT465B-2XR-V2

Band	Multiband
Performance Note	Outdoor usage

Mechanical Specifications

RF Connector Quantity, total	10
RF Connector Quantity, low band	2
RF Connector Quantity, high band	8
RF Connector Interface	4.1-9.5 DIN Female | 7-16 DIN Female
Calibration Connector Interface	N Female
Calibration Connector Quantity	1
Color	Light gray
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Radiator Material	Copper | Low loss circuit board
Radome Material	Fiberglass, UV resistant
Reflector Material	Aluminum
RF Connector Location	Bottom
Wind Loading, frontal	301.0 N @ 150 km/h 67.7 lbf @ 150 km/h
Wind Loading, lateral	253.0 N @ 0 km/h 56.9 lbf @ 0 km/h
Wind Loading, maximum	637.0 N @ 150 km/h 143.2 lbf @ 150 km/h
Wind Speed, maximum	241 km/h | 150 mph

Dimensions

Length	1825.0 mm | 71.9 in
Width	350.0 mm | 13.8 in
Depth	209.0 mm | 8.2 in
Net Weight, without mounting kit	26.5 kg | 58.4 lb

Remote Electrical Tilt (RET) Information

Input Voltage	10–30 Vdc
Internal RET	High band (1) | Low band (1)
Power Consumption, idle state, maximum	1 W
Power Consumption, normal conditions, maximum	10 W
Protocol	3GPP/AISG 2.0 (Single RET)
RET Interface	8-pin DIN Female | 8-pin DIN Male
RET Interface, quantity	2 female | 2 male

Packed Dimensions

Length	1971.0 mm | 77.6 in
Width	464.0 mm | 18.3 in
Depth	357.0 mm | 14.1 in
Shipping Weight	40.1 kg | 88.4 lb

Product Specifications

COMMSCOPE®

DT465B-2XR-V2

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

Included Products

BSAMNT-1 — Wide Profile Antenna Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance

Product Specifications

COMMSCOPE®

BSAMNT-1

Wide Profile Antenna Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.

General Specifications

Application	Outdoor
Includes	Brackets | Hardware
Package Quantity	1

Mechanical Specifications

Color	Silver
Material Type	Galvanized steel

Dimensions

Compatible Diameter, maximum	115.0 mm | 4.5 in
Compatible Diameter, minimum	60.0 mm | 2.4 in
Net Weight	6.0 kg | 13.3 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NSAC, LLC

ATTN: SPECTRUM LICENSING TEAM
NSAC, LLC
12502 SUNRISE VALLEY DRIVE, M/S: VARESA0209
RESTON, VA 20196

Call Sign	File Number
B051	
Radio Service	
BR - Broadband Radio Service	
Regulatory Status	
Common Carrier	

FCC Registration Number (FRN): 0003768553

Grant Date	Effective Date	Expiration Date	Print Date
02-29-2016	10-27-2016	03-28-2026	11-02-2016

Geographic Service Area: BTA 051 Boston, MA

Channel Plan:	Channel Number:	Frequency:
New	BRS1	002496.00000000 - 002502.00000000 MHz
New	BRS2	002618.00000000 - 002624.00000000 MHz
New	E1	002624.00000000 - 002629.50000000 MHz
New	E2	002629.50000000 - 002635.00000000 MHz
New	E3	002635.00000000 - 002640.50000000 MHz
New	E4	002608.00000000 - 002614.00000000 MHz
New	F1	002640.50000000 - 002646.00000000 MHz
New	F2	002646.00000000 - 002651.50000000 MHz
New	F3	002651.50000000 - 002657.00000000 MHz
New	F4	002602.00000000 - 002608.00000000 MHz
New	H1	002657.00000000 - 002662.50000000 MHz
New	H2	002662.50000000 - 002668.00000000 MHz
New	H3	002668.00000000 - 002673.50000000 MHz

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select "License Search". Follow the instructions on how to search for license information.

Waivers/Conditions:

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC, INC.

ATTN: ROBIN J. COHEN
NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC, INC.
12502 SUNRISE VALLEY DRIVE, M/S: VARESA0209
RESTON, VA 20196

Call Sign	File Number
WPLM553	
Radio Service YH - SMR, 806-821/851-866 MHz, Auctioned (Rebanded YC license)	

FCC Registration Number (FRN): 0002154086

Grant Date	Effective Date	Expiration Date	Print Date
05-28-2008	11-17-2010	06-17-2018	

Market Number	Channel Block	Sub-Market Designator
BEA003	X	1

Market Name
Boston-Worcester-Lawrence-Lowe

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date
06-17-2001	06-17-2003		

Waivers/Conditions:

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC, INC.

Call Sign: WPLM553 **File Number:** **Print Date:**

1. Sprint will provide appropriate co-channel protection to incumbent licensees pursuant to Section 90.621(b) of the Commission's co-channel protection rules. 2. Sprint will provide adjacent-channel protection in accordance with the standard adopted by the Commission in the 800 MHz Second Memorandum Opinion and Order based on the petition filed by NPSPAC Region 8 (New York Metropolitan Area). 3. Sprint will not use and will protect the five nationwide mutual aid channels in the 821-824/866-869 MHz band in each NPSPAC region in which it operates until rebanding is complete in that region. 4. At least 60 days prior to initiating service in the 821-824/866-869 MHz band pursuant to its modified EA licenses, Sprint must provide written notification to every NPSPAC licensee in the affected NPSPAC region(s), at the contact address listed in ULS, that it intends to use its modified licenses to operate in the 821-824/866-869 MHz band. In addition, Sprint must provide the same written notification to the Regional Planning Coordinator(s) for the affected NPSPAC region(s). 5. Sprint will notify the administrator of the CTIA interference website of any new geographic areas in which Sprint deploys facilities in the 821-824/866-869 MHz band. 6. In the event of an interference complaint , Sprint Nextel will strictly adhere to the Commission's mandated interference response timelines and requirements specified in Section 90.674 of the Commission's rules. 7. Until the conclusion of band reconfiguration in the affected NPSPAC region(s), Sprint will protect public safety systems in the 821-824/866-869 MHz band in accordance with the "interim" interference standard specified by the Commission in the 800 MHz Supplemental Order. In addition, Sprint Nextel will employ the additional protection methods identified in the 800 MHz Supplemental Order to protect public safety systems in the 821-824/866-869 MHz band that do not meet the signal strength threshold under Commission's interim rule but that do meet the threshold under the Commission's final interference rules. * For complete text of applicable conditions, see DA 08-1074.

Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC, INC.

ATTN: ROBIN J. COHEN
NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC, IN
12502 SUNRISE VALLEY DRIVE, M/S: VARESA0209
RESTON, VA 20196

Call Sign	File Number
WQKS981	
Radio Service CY - 1910-1915/1990-1995 MHz Bands, Market Area	

FCC Registration Number (FRN): 0002154086

Grant Date	Effective Date	Expiration Date	Print Date
09-01-2009	11-17-2010	03-03-2016	01-27-2011

Market Number	Channel Block	Sub-Market Designator
BEA003	G	2

Market Name
Boston-Worcester-Lawrence-Lowe

1st Build-Out Date	2nd Build-Out Date	3rd Build-Out Date	4th Build-Out Date
03-03-2016			

Waivers/Conditions:

This authorization is conditioned on licensee's continued compliance with license conditions adopted by the Commission in the 800 MHz public safety proceeding, WT Docket 02-55, including but not limited to conditions contained in paragraphs 346, 351, 352,355, 356 of Improving Public Safety Communications in the 800 MHz Band, Report and Order, Fifth Report and Order, Fourth Memorandum Opinion and Order, and Order, 19 FCC Rcd 14969 (2004); as amended by Erratum, WT Docket No. 02-55 (rel. Sept. 10, 2004) and Second Erratum, 19 FCC Rcd 19651 (2004) and Third Erratum, 19 FCC Rcd 21818 (2004).

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select "License Search". Follow the instructions on how to search for license information.

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: WIRELESSCO, LLC

ATTN: ROBIN J COHEN
WIRELESSCO, LLC
12502 SUNRISE VALLEY DRIVE, 2ND FL, VARESA0209
RESTON, VA 20196

Call Sign	File Number
KNLF217	0007205284
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0002316545

Grant Date	Effective Date	Expiration Date	Print Date
07-14-2015	03-28-2016	06-23-2025	04-15-2016

Market Number	Channel Block	Sub-Market Designator
MTA008	B	0

Market Name
Boston-Providence

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date
06-23-2000	06-23-2005		

Waivers/Conditions:

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select "License Search". Follow the instructions on how to search for license information.

Call Sign: WPLM553
Class of Station: YC - SMR
Emission Type: CDMA LTE
Transmit Frequency: 862-869 MHz
Output Power (watts):50W
Transmitter ERP (dBm): 56dBm
Receive Frequency: 817-824 MHz

1900 MHz B Band
Call Sign: KNLF217
Class of Station: CW PCS Broadband
Emission Type: CDMA LTE
Transmit Frequency: 1950-1965 MHz
Output Power (watts):80W
Transmitter ERP (dBm): 57dBm
Receive Frequency: 1870-1885 MHz

1900 MHz G Band
Call Sign: WQKS981
Class of Station: CY
Emission Type: CDMA LTE
Transmit Frequency: 1990-1995 MHz
Output Power (watts): 80W
Transmitter ERP (dBm): 57dBm
Receive Frequency: 1910-1915 MHz

2500MHz
Call Sign: 8051
Class of Station: BR Broadband Radio Service
Emission Type: LTE
Transmit Frequency: 2496-2673.5 MHz
Output Power (watts): 160W
Transmitter ERP (dBm):59dBm
Receive Frequency: 2496-2673.5 MHz

Federal Aviation Administration
Air Traffic Airspace Branch, ASW-520
2601 Meacham Blvd.
Fort Worth, TX 76137-0520

Aeronautical Study No.
2009-ANE-368-OE
Prior Study No.
2003-ANE-388-OE

Issued Date: 04/20/2009

Clinton Papenfuss
SBA Towers
5900 Broken Sound Parkway NW
Boca Raton, FL 33487

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna Tower MA 13743-A
Location:	Great Barrington, MA
Latitude:	42-12-50.61N NAD 83
Longitude:	73-20-40.98W
Heights:	173 feet above ground level (AGL) 859 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

See attachment for additional condition(s) or information.
Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking and/or lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (781) 238-7522. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2009-ANE-368-OE.

Signature Control No: 624931-109146423 (DNE)
Suzanne Dempsey
Technician

Attachment(s)
Additional Information
Frequency Data

Additional information for ASN 2009-ANE-368-OE

This determination is issued to correct the data of an existing antenna tower. It also approves new frequencies.

Frequency Data for ASN 2009-ANE-368-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1850	1910	MHz	1640	W
1930	1990	MHz	1640	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
ANTENNA STRUCTURE REGISTRATION

OWNER: SBA TOWERS II LLC

FCC Registration Number (FRN): 0015709579

ATTN: EDWARD G. ROACH SBA TOWERS II LLC 5900 BROKEN SOUND PKWY NW BOCA RATON, FL 33487	**Antenna Structure Registration Number** 1248751
	Issue Date 04-29-2010
Location of Antenna Structure 425 Stockbridge Rd. (MA13743-A) Great Barrington, MA	**Ground Elevation (AMSL)** 209.1 meters
	Overall Height Above Ground (AGL) 52.7 meters
Latitude 42-12-50.6 N **Longitude** 073-20-41.0 W NAD83	**Overall Height Above Mean Sea Level (AMSL)** 261.8 meters
Painting and Lighting Requirements: NONE	
Conditions:	

This registration is effective upon completion of the described antenna structure and notification to the Commission. **YOU MUST NOTIFY THE COMMISSION WITHIN 24 HOURS OF COMPLETION OF CONSTRUCTION OR CANCELLATION OF YOUR PROJECT, please file FCC Form 854.** To file electronically, connect to the antenna structure registration system by pointing your web browser to http://wireless.fcc.gov/antenna. Electronic filing is recommended. You may also file manually by submitting a paper copy of FCC Form 854. Use purpose code "NT" for notification of completion of construction; use purpose code "CA" to cancel your registration.

The Antenna Structure Registration is not an authorization to construct radio facilities or transmit radio signals. It is necessary that all radio equipment on this structure be covered by a valid FCC license or construction permit.

You must immediately provide a copy of this Registration to all tenant licensees and permittees sited on the structure described on this Registration (although not required, you may want to use Certified Mail to obtain proof of receipt), and *display* your Registration Number at the site. See reverse for important information about the Commission's Antenna Structure Registration rules.

FCC 854R
August 2007

Cover and Findings sent via hard copy

SAGE
ENVIRONMENTAL

NEPA Environmental Evaluation

"WSBS Great Barrington"
425 Stockbridge Road
Great Barrington, Massachusetts
Ref. No. MA-01118

Prepared for:

Mr. Chris Ciolfi
Tower Ventures II, LLC
374 South Street, Suite 202
Pittsfield, Massachsetts 01201

Prepared by:

***SAGE* Environmental, Inc.**
172 Armistice Boulevard
Pawtucket, Rhode Island 02860

***SAGE* Project No. N1842**

April 2003

172 Armistice Blvd.
Pawtucket, Rhode Island 02860
401-723-9900
FAX 401-723-9973
www.sageenvironmental.net

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NEPA Environmental Evaluation
"WSBS Great Barrington"
425 Stockbridge Road
Great Barrington, Massachusetts
Ref. No. MA-01108

1.0 INTRODUCTION

All antennae structures must comply with the National Environmental Protection Act (NEPA) as a component of Federal Communication Commission (FCC) licensing requirements. The FCC's rules place the responsibility on each applicant to investigate all potential environmental effects.

SAGE Environmental, Inc. (*SAGE*) was retained by Tower Ventures II, LLC (Tower Ventures) to evaluate a portion of "WSBS Great Barrington", 425 Stockbridge Road, Great Barrington, Massachusetts (see Figures) for the presence of, and potential significant impact to, environmental and/or cultural issues as specified in 47 CFR Ch. 1 §1.1307 sections (a) and (b). These issues include but are not limited to:

> *(1) Facilities that are to be located in an officially designated **wilderness area**.*
>
> *(2) Facilities that are to be located in an officially designated **wildlife preserve**.*
>
> *(3) Facilities that: (I) May affect listed **threatened or endangered species** or designated **critical habitats**; or (ii) are likely to jeopardize the continued existence of **any proposed endangered or threatened species** or likely to result in the destruction or adverse modification of proposed **critical habitats**, as determined by the Secretary of the Interior pursuant to the Endangered Species Act of 1973.*
>
> *(4) Facilities that may affect districts, sites, buildings, structures or objects significant in American history, architecture, archeology, engineering or culture, that are listed, or eligible for listing in the **National Register of Historic Places**. (See 16 U.S.C. 470w; 36 CFR 60 and 800).*
>
> *(5) Facilities that may affect **Indian religious sites**.*
>
> *(6) Facilities to be located in a **flood Plain** (see Executive Order 11988).*
>
> *(7) Facilities whose construction will involve significant change in surface features (e.g., **wetland fill, deforestation or water diversion**). (In the case of wetlands on Federal property, see Executive Order 11990).*

*(8) Antenna towers and/or supporting structures that are to be equipped with **high intensity white lights** which are to be located in **residential neighborhoods**, as defined by the applicable zoning law.*

2.0 EXECUTIVE SUMMARY

SAGE reviewed data made available and/or interviewed agency personnel regarding environmental and cultural issues specified in 47 CFR Ch. 1. §1.1307 sections (a) and (b) which may be significantly impacted from Tower Ventures, Inc. planned site development activities.

Based on data reviewed and/or agency personnel interviewed, proposed site development activities **do not appear to present a significant impact** relative to noted environmental and/or cultural issues.

2.1 Project Description

The proposed development includes the installation of a wireless telecommunications facility, located to the west of Stockbridge Road (Route 7) in Great Barrington, Massachusetts. The proposed site consists of a 160-foot lattice telecommunications guy-tower, with a whip radio antenna and allowance for five antennae arrays, of four antennae each, which is to replace an existing 160-foot radio guy-tower located approximately 65-feet to the northeast, with telecommunication equipment mounted on steel supported by concrete pedestals, within a 32-foot by 32-foot fenced lease area, accessed *via* a 25-foot wide easement.

2.2 Wilderness Areas

SAGE contacted the following agencies and/or reviewed information or interviewed personnel with respect to known Federal, State or Locally designated wilderness areas.

- US Fish & Wildlife Service
- Massachusetts Fish & Wildlife Service
- Massachusetts Natural Heritage Atlas (2001-02 ed.)

Based on our review of data made available and/or interviews with agency personnel, the site does not appear to be located in or adjacent to an officially designated wilderness area.

2.3 Wildlife Preserves

SAGE contacted the following agencies, interviewed personnel and/or reviewed data made available by same with respect to Federal, State or Locally designated wildlife preserves.

- US Fish & Wildlife Services
- Massachusetts Division of Fish & Wildlife
- Massachusetts Department of Environmental Protection
- Massachusetts Natural Heritage Atlas (2001-02 ed.)

Based on our review of data made available and/or interviews with agency personnel, the site does not appear to be located in or adjacent to an officially designated wildlife preserve.

2.4 Proposed, Threatened or Endangered Species/Critical Habitats

SAGE contacted the following agencies and/or reviewed data made available by same with respect to known Federal, State or Locally designated, proposed, threatened or endangered species or critical habitats.

- US Fish & Wildlife Services
- Massachusetts Division of Fish & Wildlife
- Massachusetts Department of Environmental Protection
- Massachusetts Natural Heritage Atlas (2001-02 ed.)
- Massachusetts Geographic Information Systems (GIS)

A review of data made available and/or interviews with agency personnel revealed that the site appears to be located in an officially designated Priority Habitat and Wildlife Habitat.

As noted in the September 12, 2002 correspondence from Christine Vaccaro of the Massachusetts Division of Fisheries and Wildlife, Natural Heritage & Endangered Species Program (see **Appendix 2**), that program's database indicates that the PLA is located within a Priority/Estimated Habitat PH 815/WH 215 which has been delineated for the following species: Black Maple (*Acer nigrum*), a species of special concern; Foxtail Sledge (*Carex alopecoidea*), a threatened species, Green Dragon (*Arisaema dracontium*) and the Wood Turtle (*Clemmys insculpta*), a species of special concern. These species are regulated under the Massachusetts Endangered Species Act as well as the State's Wetlands Protection Act and its implementing regulations. As such, protection or assessment of potential impact to these species is the responsibility of the local Conservation Commission at the time of Notice of Intent filing. As demonstrated in

the Notice of Intent and subsequent Order of Conditions issued by the Great Barrington Conservation Commission (see **Appendix 3**) no evaluation of the presence of these species was requested. Additionally, as noted in the Notice of Intent filing none of the above species were observed during the assessment by the biologists performing the wetland delineation. Additionally, given the extremely low site disturbance represented by the replacement of the existing tower and appurtenances, *SAGE* is of the opinion that no further assessment is warranted relative to the above noted species.

Also, the Massachusetts Division of Fisheries and Wildlife, Natural Heritage & Endangered Species Program, indicated in correspondence dated March 17, 2003, that "the proposed work within the existing hay field will not adversely affect rare wildlife habitat"..." (see **Appendix 2**).

2.5 Historic Places

SAGE contacted the following agencies, interviewed personnel and/or reviewed data made available by same relative to Federal, State and Local locations significant in American history, architecture, archeology, engineering or culture.

- Massachusetts Register of Historical Places, 2001 including:
  National Register of Historic Places which includes the National Register District, National Register Individual Property, National Register Multiple Area, National Register Multiple Resource Area, National Register Thematic Resource Area, National Register Multiple Submission, Determination of Eligibility; MA Archeological/Historical Landmarks; Local Landmarks; Local Historic District; Regional Historic District and Preservation Restriction
- Massachusetts Historic Inventory

Based on our review of data made available and/or interviews with agency personnel, proposed site development activities do not appear to objectionably impact districts, sites, buildings, structures or objects significant in American history, architecture, archeology, engineering or culture, that are listed, or eligible for listing in the National Register of Historic Places. (See 16 U.S.C. 470w; 36 CFR 60 and 800).

SAGE forwarded an information package to the Massachusetts Historical Commission (MHC) for their Section 106 review on June 11, 2002. On June 28, 2002, *SAGE* received correspondence from the MHC stating "that this project is unlikely to affect significant historic or archaeological resources" (see **Appendix 4**)

2.6 Indian Religious Sites

SAGE contacted and/or reviewed data made available by the MHC with respect to Indian religious sites. An individual has not been appointed to conduct a formal review relative to Native American Religious sites on or adjacent to the proposed project area. Based upon review of available resources at the MHC, however, no areas of cultural significance were identified at this site. Additionally, no archeological concerns were raised by the MHC during their review process.

As this proposed tower is located in an area that was previously used for agricultural purposes, *SAGE* is of the opinion that no objectionable impact to Native American resources will occur as a result of said development due to these previous site disturbances. As there are no federally recognized tribes whose ancestral homelands include in Great Barrington no inquiry to could be made.

2.7 Flood Plains

SAGE personnel reviewed a Floodplains, Landuse & Openspace Map made available via Massachusetts Geographic Information System (GIS) which indicates the Site is with a flood plain. Site plans reviewed indicated that according to Federal Emergency Management Agency (FEMA) Flood Insurance Maps, the site is within a 100-year flood plain.

2.8 Construction Activities and Alterations to Surface Features

SAGE was provided with proposed site development plans by Tower Ventures' representatives. Planned site development activities reportedly include minimal clearing and grubbing resulting in minimal deforestation. Reportedly, no filling of wetlands or water diversions are planned for site development activities.

2.9 Lighting

SAGE was provided with proposed site development plans by Tower Ventures' representatives. According to site development personnel, no high intensity white lights are planned for the structures proposed at the subject site.

3.0 FINDINGS

SAGE reviewed available data and/or interviewed agency personnel regarding environmental and/or cultural issues specified in 47 CFR Ch. 1. §1.1307 sections (a) and (b) as detailed above to determine whether site development activities would objectionably impact the noted issues. Based on a review of data and/or interviews with agency personnel, proposed site development activities **do not appear to present a significant threat** relative to noted environmental and/or cultural issues.

Cover and Findings sent via hard copy

SAGE
ENVIRONMENTAL

ENVIRONMENTAL ASSESSMENT

Tower Ventures II, LLC
Project Ref. No. MA-01118
"WSBS Great Barrington"
425 Stockbridge Road
Route 7
Great Barrington, Massachusetts 01230

FEDERAL COMMUNICATIONS COMMISSION

SUBMITTED PURSUANT TO 47 CFR, PART 1, SUBPART1, RULE SECTION 1.1307(a)

The proposed telecommunications project consists of replacing an existing 160-foot guyed lattice tower with a new 160 foot self-supported lattice tower and installing steel support columns for an equipment platform to be located on the property identified as 425 Stockbridge Road in Great Barrington, Massachusetts 01230, an area within the 100-year flood zone. The associated equipment platform, radio transmitting equipment, equipment shelters and utilities will all be outside of the flood zone.

April 24, 2003

Prepared by SAGE Environmental, Inc.
172 Armistice Boulevard
Pawtucket, Rhode Island 02860

SAGE Project No. N1842a

172 Armistice Blvd.
Pawtucket, Rhode Island 02860
401-723-9900
FAX 401-723-9973
www.sageenvironmental.net

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Appendices

4. MA Division of Fisheries and Wildlife Correspondence
5. Notice of Intent and Order of Conditions
6. Massachusetts Historic Commission Correspondence
7. John P. Allen Aeronautical Evaluation

Photographs

1.0 PROJECT DESCRIPTION, PURPOSE AND NEED FOR ACTION

Site MA-01118 is located at 425 Stockbridge Road in Great Barrington, Massachusetts (See **Figure 1**). The site consists of an existing radio station and two existing radio towers. One tower is two hundred and fifty four (254) feet tall the other is one hundred and sixty (160) feet tall. The proposed action includes dismantling and removing the existing one hundred and sixty (160) foot guyed lattice tower and replacing it with a new one hundred and sixty (160) foot self-supported lattice tower to be located approximately sixty (60) feet southwest of the existing location and surrounded by a six (6) foot high chain link fence. Approximately twenty (20) feet east of the replacement tower a new thirty two (32) foot by thirty two (32) foot elevated steel platform will be constructed to accommodate future radio transmitting equipment and equipment shelters. The floor elevation of this platform will be above the flood zone. To support the equipment platform nine (9) steel columns will be installed on pad and pier type foundations. Three (3) of these columns and six (6) foundations will be located within the flood zone (six columns and three foundations will be located outside of the flood zone). The elevated platform and equipment area will be accessed from the street level eliminating the need for service technicians from having to enter the flood zone. The replacement tower will be accessed the same way the existing two towers are accessed, via an existing gravel driveway within a twenty-five (25) foot wide access easement. For the purpose of this report and ease of reference, the aforementioned lattice tower, equipment area and access easement will be referred to herein as the "proposed lease area" (PLA). Tower Ventures II, LLC's (Tower Ventures') proposed site development plans are attached as **Appendix 1**.

The existing facilities located at 425 Stockbridge Road provide community services through AM radio transmission. The proposed tower replacement will allow the radio station to continue operating while dramatically improving personal wireless services to the Great Barrington Route 7 corridor. Currently there is very little reliable wireless service in this area. The improvements proposed by Tower Ventures will allow multiple personal wireless service providers to offer a variety of services to this area while avoiding or minimizing adverse environmental impacts.

The installation of telecommunications facilities is regulated by the Federal Communications Commission (FCC) and is subject to compliance with the National Environmental Policy Act (NEPA) of 1969.

SAGE Environmental, Inc. (*SAGE*) has been retained by Tower Ventures to evaluate a portion of the property located at 425 Stockbridge Road in Great Barrington, Massachusetts for the presence of, and potential impact to, environmental and/or cultural issues as specified in 47 CFR

Ch. 1 §1.1307 sections (a) and (b) which may be significantly impacted by Tower Ventures' planned site development activities.

Pursuant to the NEPA, Council on Environmental Quality Regulations and FCC Regulations Implementing NEPA, this Environmental Assessment (EA) has been prepared to address the potential adverse environmental impacts associated with the proposed action and determine whether an Environmental Impact Statement is required.

2.0 ALTERNATIVES CONSIDERED

2.1 Preferred Alternative

After it was determined that a new site was needed to serve the Route 7 target area an extensive property search was conducted to identify suitable candidates. These candidates included parcels of undeveloped land, existing buildings and existing structures. Although the main objectives of a transmission site is to relay radio frequency (RF) signals between a transmission site and a mobile telephone unit this must be done in an efficient manner. One of the most efficient ways to meet this objective is, whenever possible, to utilize existing structures. When the search results were reviewed for the Great Barrington project it was determined that one of the existing towers located at 425 Stockbridge Road could be used as part of a new transmission site, therefore no additional candidates were proposed.

As mentioned above there are currently two (2) existing radio towers and an office / studio building on site. The taller of the existing towers is approximately two hundred and fifty four (254) feet, is located in the middle of an existing mowed field and is use to broadcast AM radio signals. Because of its location in the field, the necessity for all technicians accessing the site would have to drive into the flood zone and all radio transmitting equipment and utilities would have to be located within the flood zone. Because of this the broadcast tower was not considered as part of this project. Additionally, there are complex technical issues with the operation of an AM radio tower that further eliminated this structure from consideration. The other existing tower is located closer to the highway and the studio building and was considered for use as part of this project. However, after determining that there was not sufficient upland area for future radio equipment and that the structural integrity of the tower would not accommodate additional equipment a proposal was made to replace this tower with a stronger structure of the same height. The proposed self-supported lattice replacement tower will be designed to accommodate the existing antennas of the radio station along with additional antennas for personal wireless service providers.

The plans attached as Appendix 1 show the location of the existing tower and the location of the proposed replacement tower. By moving the structure within the field approximately sixty (60) feet south of its current location the Applicant is able to accommodate the needs of multiple wireless service providers while minimizing the environmental effects of what could have resulted if either of the existing towers were utilized in their current locations.

The proposed transmission site is a necessary link in a network design that will allow FCC licensed wireless carriers to provide mobile radio coverage to the Great Barrington area. The

replacement lattice tower to be constructed by Tower Ventures will provide a suitable transmission structure for the existing antennas operated by the radio station as well as several future FCC licensed wireless service providers in an efficient manner. The proposed site effectively meets the RF transmission requirements for this area, complies with local zoning and environmental regulations while avoiding or minimizing adverse environmental impacts as well as presenting "low NEPA impact" to the area.

2.2 No Action Alternative

The "no action alternative" would consist of not replacing the existing tower or placing steel columns or foundations in the flood zone at the proposed site. Tower Ventures would not be able to provide wireless services to the area; instead, it would seek out multiple, less efficient sites in the surrounding areas. The "no action alternative" would therefore not meet the project needs and could result in additional objectionable NEPA impacts.

3.0 AFFECTED ENVIRONMENT AND ENVIRONMENTAL CONSEQUENCES

The approximate 1,050 square foot PLA is located on 8.34 acres of relatively undeveloped floodplain along the banks of the Housatonic River. The property is identified on Great Barrington Assessor's Map 29 as Lot 5. The PLA is to consist of a 160-foot self-supported lattice style tower in replacement of an existing 160-foot guyed lattice tower and a 32-foot by 32-foot equipment enclosure containing a 12-foot by 30-foot equipment shelter and two 8-foot by 12-foot electronic cabinets. The proposed equipment platform will be raised approximately 10 feet above ground level allowing all radio equipment and equipment shelters to be located above the flood zone. Proposed site development plans are included as **Appendix 1**.

According to information provided by Huntley Associates, P.C., a portion of the PLA is located in a grassy floodplain associated with the Housatonic River abutting to the west. Also located on subject property is an AM radio transmission tower operated by WSBS that is not part of this action. This existing 254-foot lattice tower is located approximately 300 feet north of the PLA. Abutters to the property to the south are commercial (Quality Inn and retail shops). Abutters to the east are a commercial restaurant and antique shops with one distant residential property. The northern abutter to Lot 5 is a trucking business (Roger Trucking, Inc.). The abutting property to the west is the Housatonic River and undeveloped floodplain.

The PLA is located in the B-2, General Business zone as defined by the Town of Great Barrington.

Under 47 CFR Section 1.1307, the FCC requires an evaluation of certain environmental issues to determine whether a proposed action has the potential to cause adverse environmental impacts. Research and field surveys were completed for each criterion (located in **Appendix 2**), and included research and evaluation of information available through numerous agencies including, but not limited to, the Massachusetts Historical Commission, the Massachusetts Department of Natural Heritage, and the Massachusetts Department of Environmental Protection. Impacts were evaluated for the following environmental and cultural resource criteria:

- Designated Wilderness Areas
- Designated Wildlife Preserves
- Listed Threatened or Endangered Species or Designated Critical Habitat
- Proposed Threatened or Endangered Species or Designated Critical Habitat
- Historic Places
- Indian Religious Sites
- Floodplains
- Surface Features
- Zoning/High Intensity White Lights
- Radiation Exposure

3.1 Wilderness Areas and Wildlife Preserves

The site does not lie within the boundaries of an officially designated wilderness area or an officially designated wildlife preserve.

3.2 Listed or Proposed Threatened or Endangered Species or Designated Critical Habitat

Field survey and literature searches indicate that the construction and operation of this communication transmission site is not likely to affect listed or proposed threatened or endangered species or designated critical habitats. Habitats typical of the protected species listed in Berkshire County, Massachusetts are not found in the area of the PLA. The US Fish and Wildlife Service granted jurisdiction over rare and endangered species in Massachusetts to the Commonwealth of Massachusetts Division of Fisheries and Wildlife as set forth in the 1980 "Cooperative Agreement Between the United States Fish and Wildlife Service and the Massachusetts Division of Fisheries and Wildlife for the Management of Endangered Species" a copy of which is attached as **Appendix 3.**

As noted in the September 12, 2002 correspondence from Christine Vaccaro of the Massachusetts Division of Fisheries and Wildlife, Natural Heritage & Endangered Species Program (see **Appendix 4**), that program's database indicates that the PLA is located within a Priority/Estimated Habitat PH 815/WH 215 which has been delineated for the following species: Black Maple (*Acer nigrum*), a species of special concern; Foxtail Sledge (*Carex alopecoidea*), a threatened species, Green Dragon (*Arisaema dracontium*) and the Wood Turtle (*Clemmys insculpta*), a species of special concern. These species are regulated under the Massachusetts Endangered Species Act as well as the State's Wetlands Protection Act and its implementing regulations. As such, protection or assessment of potential impact to these species is the responsibility of the local Conservation Commission at the time of Notice of Intent filing. As demonstrated in the Notice of Intent and subsequent Order of Conditions issued by the Great Barrington Conservation Commission (see **Appendix 5**) no evaluation of the presence of these species was requested. Additionally, as noted in the Notice of Intent filing none of the above species were observed during the assessment by the biologists performing the wetland delineation. Additionally, given the extremely low site disturbance represented by the replacement of the existing tower and appurtenances, *SAGE* is of the opinion that no further assessment is warranted relative to the above noted species.

Also, the Massachusetts Division of Fisheries and Wildlife, Natural Heritage & Endangered Species Program, indicated in correspondence dated March 17, 2003, that "the proposed work within the existing hay field will not adversely affect rare wildlife habitat"..." (See **Appendix 4**).

3.3 Historic Places

SAGE queried the offices of the Massachusetts Historical Commission (MHC) to evaluate Tower Ventures' proposed development and its potential to affect historical and/or archeological resources relative to Section 106 historic impact criteria. Correspondence received on June 28, 2002 from the MHC states that Tower Ventures' proposed development "is unlikely to affect significant historic or archeological resources." (See **Appendix 5**)

3.4 Native American Religious Sites

As this proposed tower is located in an area that was previously used for agricultural purposes, *SAGE* is of the opinion that no objectionable impact to Native American resources will occur as a result of said development due to these previous site disturbances. As there are no federally recognized tribes whose ancestral homelands include in Great Barrington no inquiry to could be made.

3.5 100-Year Floodplain

Executive Order 11988 requires that federal agencies consider the effects of their actions on floodplains. The Federal Emergency Management Agency (FEMA) delineates flood zones as part of a nationwide program. According to a review of GIS data relative to floodplains, landuse and open space for the Town of Great Barrington, Berkshire County, portions of the PLA are located within the 100-year floodplain and portions are located within 100 feet of the 100-year floodplain and therefore must comply with Executive Order 11988 and all applicable FEMA-coordinated local guidelines. Compliance with Executive Order 11988 would be achieved through the FEMA guidance document *Further Advice on Executive Order 11988 Floodplain Management* (FEMA, 1987).

3.5.1 Mitigation

Mitigation refers to those actions that would reduce or eliminate potential adverse impacts due to a proposed project. Mitigation measures are required to ensure that the construction of the

transmission facility and/or its appurtenances be designed to withstand any potential flooding that may occur, and minimize any adverse effects on floodplain resources.

The Council on Environmental Quality (CEQ) has defined mitigation in 40 CFR Part 1508.20 to include:

(1) Avoiding impacts; (2) minimizing impacts; (3) rectifying impacts; (4) reducing impacts over time; and (5) compensating for impacts. These mitigation measures can be categorized as avoidance, minimization, and compensation, and are described below as they pertain to the transmission facility's potential location in a floodplain.

There are two options for non-residential construction within a floodplain: 1) elevation of the structure foundation above the Base Flood Elevation (BFE), or 2) flood-proofing the structure.

The proposed lattice tower has been designed to meet or exceed requirements for structures located in a 100-year floodplain and Executive Order Number 11988. The plans prepared by Huntley Associates, P.C. dated June 3, 2002 detail the proposed construction in compliance with Executive Order 11988 and local ordinances. Specifically, Tower Ventures proposes to mitigate the impact to the floodplain by elevating the structure foundation above the BFE (691.3 feet above mean sea level). The equipment shelter and electronic cabinets will be placed upon a 32-foot by 32-foot open grate steel platform supported by nine (9) 8-inch by 8-inch columns on 2-foot by 2-foot concrete piers with a 4-foot by 4-foot base. (See the Site Detail and Elevation Plan included in **Appendix 1**)

Prior to construction of the equipment shelters, permits will be obtained indicating compliance with the Town of Great Barrington ordinances for flood proofing nonresidential structures.

3.6 Surface Features

The conclusion of the literature and record search, as well as on-site observations, indicate that construction and operation of this communication transmission site is not likely to involve a significant change (e.g. wetland fill, deforestation, or water diversion) in surface features found on the subject site. No areas subject to regulation under The Clean Water Act or Executive Order 11990 on wetlands would be affected by the proposed action.

3.7 Zoning/High Intensity White Lights

The proposed replacement tower will be one hundred and sixty (160) feet above the ground and have the existing whip style antennas for the radio station attached to the top with a finished height of approximately one hundred and seventy three (173) feet tall. The existing tower is of the same height and configuration and is currently not lighted. Furthermore, it was determined through an aeronautical evaluation conducted by John P. Allen Airspace Consultants, Inc. in a letter dated April 24, 2002 that if the replacement structure did not exceed one hundred and ninety nine (199) feet above the ground that no FAA marking or lighting would be required. (See **Appendix 7**)

3.8 Radiation Exposure

This facility meets the radio frequency radiation exposure limits standards established by the American National Standards Institute and the Institute of Electrical and Electronic Engineers, Inc. (ANSI/IEEE) pursuant to Section 24.52 (a) of the FCC Rules. The conclusions in this report are based upon antenna specifications provided by Tower Ventures.

4.0 COORDINATION AND COMMENTS

This project included contact with numerous environmental and cultural protection agencies and/or their data sources.

Tower Ventures will provide all community notices required pursuant to 47 CFR Section 1.1308 if the FCC determines that the project would not cause any significant adverse environmental impacts.

One criterion for choosing a suitable location includes the potential for causing public controversy. As of the date of this report, the proposed construction of the lattice tower and equipment enclosure in the Town of Great Barrington has been extremely well received and has not resulted in any controversy on environmental or cultural resource grounds in the community.

Tower Ventures will be responsible for additional coordination with all appropriate federal, state and local agencies, as required, to obtain the necessary permits for the installation, construction, operation and maintenance of the proposed telecommunications facility.

5.0 FINDING OF NO SIGNIFICANT IMPACT

Based on the impact assessment of these resource areas, and assuming execution of a Finding of No Significant Impact (FONSI) by the FCC relative to the Flood Plain, *SAGE* is of the opinion that the construction, operation, and maintenance of a telecommunications facility at 425 Stockbridge Road in Great Barrington, Massachusetts would not constitute a major federal action significantly affecting the quality of the human environment. For this reason and pursuant to the FCC regulations implementing NEPA (47 CFR 1), no Environmental Impact Statement is required.

Town Hall, 334 Main Street
Great Barrington, MA 01230

Telephone: (413) 528-1619
Fax: (413) 528-2290

TOWN OF GREAT BARRINGTON
MASSACHUSETTS

PLANNING BOARD

March 26, 2018

Selectboard
Town Hall
334 Main Street
Great Barrington, MA

RE: Chapter 61A
West Plain Road Nominee Trust

Dear Members of the Selectboard:

At its meeting of March 22, 2018, the Planning Board voted to recommend that the Selectboard waive their Right of First Refusal for 9.2 acres of land owned by Robert Coons, West Plain Road Nominee Trust.

Thank you for your attention to this matter.

Sincerely,

Kimberly L. Shaw
Planning Board Secretary

Shepley Evans
Conservation Agent

E-mail: conservation@townofgb.org
www.townofgb.org

Town Hall, 334 Main Street
Great Barrington, MA 01230

Telephone: (413) 528-1619 ext. 122
Fax: (413) 528-2290

TOWN OF GREAT BARRINGTON
MASSACHUSETTS

CONSERVATION COMMISSION

April 3, 2018

Great Barrington Selectboard
Town Hall, 334 Main Street
Great Barrington, MA 01230

Re: Notice of Intent to Convert M.G.L. ch. 61A Land
Robert Coons, Trustee of the West Plain Road Farm Nominee Trust
Locus: West Plain Road, Great Barrington, MA
Portion of Assessors Map 31 Lot 23-C

Dear Selectboard:

At its regularly scheduled meeting on March 28, 2018, the Great Barrington Conservation Commission discussed the proposed conversion of the use of land on West Plain Road from agricultural to solar energy power generation and voted unanimously to recommend, and do hereby so recommend, that the Selectboard waive the Town's right of first refusal to acquire the subject land.

Respectfully,

Shepley W. Evans
Conservation Agent

CC: Chris Rembold, Town Planner
Atty. Dennis J. Downing

WAIVER OF RIGHT OF FIRST REFUSAL

The TOWN OF GREAT BARRINGTON, a municipal corporation, hereby waives the right of first refusal option, on the following described property, to which it is entitled pursuant to Massachusetts General Laws, Chapter 61A, Section 14, with regard to an agricultural lien dated January 17, 1983 and recorded with the Southern Berkshire Registry of Deeds in Book 518 Page 235, currently assessed to West Plain Road Farm Nominee Trust, Robert A. Coons and Vicki J. Coons, Trustees; said agricultural lien pertains to Assessors Map 31 Lot 23-C. For deed reference, see Deed from Arthur J. Coons to Arthur J. Coons and Robert A. Coons, as Trustees of the West Plain Road Farm Nominee Trust dated April 3, 2000 recorded with the Southern Berkshire Registry of Deeds in Book 1178 Page 17.

The location and acreage being waived herein consists of 9.22 acres as shown on the sketch attached hereto as Exhibit A.

Executed as a sealed instrument this _____ day of April 2018.

SELECTBOARD,
TOWN OF GREAT BARRINGTON

_____

_____

_____

_____

_____

COMMONWEALTH OF MASSACHUSETTS

Berkshire, ss

On this _____ day of April 2018, before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification, being my own personal knowledge of the identity of the signatory, to be the person whose name is signed on the preceding or attached document, and acknowledge to me that he signed it voluntarily for its stated purposes.

_____

Notary Public

My Commission Expires:

SHOPPER'S GUIDE INC.

Andrew Hare

141 West Ave Great Barrington, MA 01230
413.528.0095
andy@shoppersguideinc.com

March 29, 2018

Dear Mr. May,

I am writing this formal request on behalf of the Shopper's Guide. In our 50th year in business we are auditing the way we distribute our paper and looking at ways we can best get our product into the hands of the people who want it and not in the hands of those who don't. I wanted to see about placing an all season outdoor Newspaper Distribution box (see attached image) outside the post office on the sidewalk, just South of the entrance near the other newspaper (Berkshire Eagle, Berkshire Record and Berkshire record FREE quarterly piece) vending boxes. As I am sure you already know, the Shopper's Guide is a weekly FREE newspaper delivered every Wednesday, 52 weeks a year. Because we take such pride in our paper we would be sure to always have it in the best possible shape, appearance and most recent issue weekly.

Please let me know if I can provide any additional information

Thanks in advance for your time.

Best Regards,
Andrew Hare

Helen,
I am writing on behalf of the Shopper's Guide.
In our 50th year in business we are auditing the way we distribute our paper and looking at ways we can best get our product into the hands of the people who want it and not in the hands of those who don't. That being said I wanted to see about placing an all season outdoor Newspaper Distribution box outside the post office on the sidewalk, just South of the entrance near the other newspaper vending machines. As I am sure you already know, the Shopper's Guide is a weekly FREE newspaper delivered every Wednesday, 52 weeks a year. I have attached an image of the distribution box.
Please let me know how I should proceed as each town seems to handle this request differently.
Thanks in advance for your time.
Best Regards
Andy

Shoppers Guide Inc
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Great Barrington, MA. 01230
p 413.528.0095
c 603.738.8485
andy@shoppersguideinc.com


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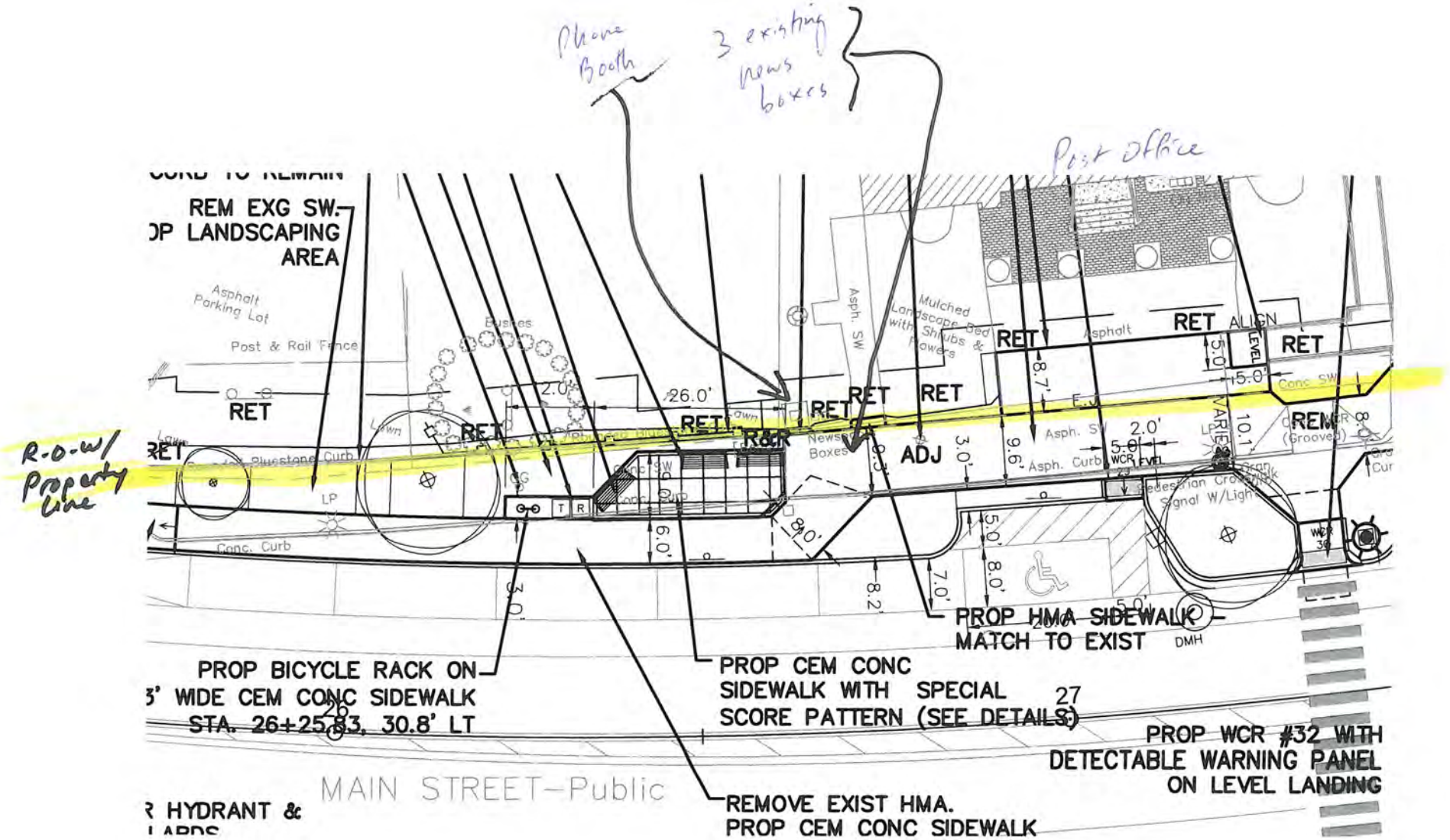
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R-O-W/ Property Line
PROP BICYCLE RACK ON 3' WIDE CEM CONC SIDEWALK STA. 26+25.83, 30.8' LT
PROP CEM CONC SIDEWALK WITH SPECIAL SCORE PATTERN (SEE DETAILS)
PROP HMA SIDEWALK MATCH TO EXIST
PROP WCR #32 WITH DETECTABLE WARNING PANEL ON LEVEL LANDING
REMOVE EXIST HMA. PROP CEM CONC SIDEWALK
MAIN STREET–Public
R HYDRANT &
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Phone