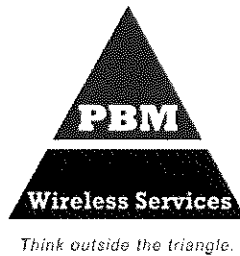


**EXHIBIT L
SITE SELECTION REPORT**

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SERVICES

21-CELL-0001



January 26, 2021

Louisville Metro Planning Commission
444 S. 5th Street,
Louisville, KY 40202

RE: Site Selection Report
Application for New Communications Facility
Applicant: New Cingular Wireless PCS, LLC, d/b/a AT&T Mobility
Site Location: 4513 Blevins Gap Road, Louisville, KY 40272
Site Name: Headley Hollow

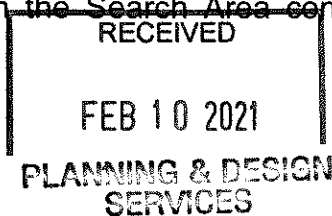
Dear Commission Members:

This report is provided to explain the site development process used by the Applicant to identify the site selected for the new wireless communications facility proposed in the accompanying Application.

New Cingular Wireless PCS, LLC, d/b/a AT&T Mobility
Site Development Process

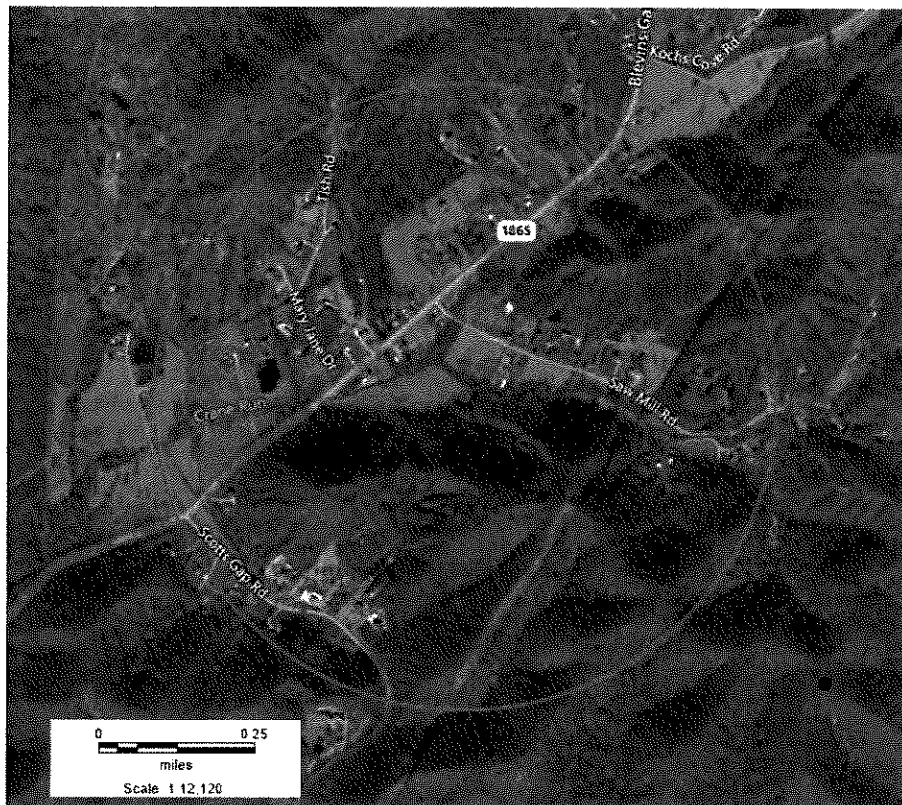
Step 1: Problem Identification. New Cingular Wireless PCS, LLC, d/b/a AT&T Mobility's radio frequency engineers first identified a growing coverage and/or capacity gap in Jefferson County, Kentucky near the intersection of Blevins Gap Road and Saw Mill Road.

Step 2: Search Area. To help guide the site development team's task of identifying a suitable location for a new wireless communications facility site, AT&T Mobility's radio frequency engineers identified the geographic area where the antenna site must be located in order to close the gap and issued a map (called a Search Area) that identified the general area in which a new site must be located. In this instance, the Search Area has a 0.5-mile radius centered at 38° 4' 15.47"N, 85° 50' 9.38"W (Lat. 38.070964; Lon. - 85.83594) and is generally located in southwestern Jefferson County, off Belvins Gap Road. The area within the Search Area contains a mixture of residential and heavily wooded properties.



21-CELL-0001

A map of the Search Area is below:



Lat: 38.070964
 Long: -85.83594
 Radius: .5 miles

Headley Hollow Search Area

Step 3: Co-location Review. The site development team first reviewed the area within the Search Area for a suitable tall structure for co-location. As you can see below, a search of FCC registered towers in this area of Jefferson County revealed one granted tower and no constructed towers within 1 mile (1.6 kilometer) of the Search Area center point coordinates. The team contacted the owner of the granted tower, Nova Towers LLC, to discuss co-locating AT&T's equipment on the tower after construction was completed. Nova Towers stated that it did not intend to construct the tower due to the extreme terrain issues encountered at the site. The team then reviewed the Search Area for other tall structures suitable for co-location, but none were identified.

FCC Federal Communications Commission

Antenna Structure Registration

FCC > NTR > ASR > Online Systems > ASR Search

ASR Registration Search

Registration Search Results

[New Search](#) [Refine Search](#) [Printable Page](#) [Query Download](#) [Map Result\(s\)](#)

Displayed Results

Matches 1-1 (of 1)

1

Specified Search

Latitude='38-4-14.5 N', Longitude='85-50-9.4 W', Radius=1.6 Kilometers

Display: Basic View

Registration Number	Status	File Number	Owner Name	Latitude/Longitude
1 1292483	Granted	A0864655	Nova Towers, LLC	38-03-59.2N 085-49-46.5W

A new site must be located within 0.5 miles of the Search Area center point coordinates to meet the radio frequency needs of the project. Since there are no existing FCC registered towers or other suitable tall structures within the Search Area where a new facility must be located to meet AT&T's radio frequency needs, construction of a rawland site is necessary to resolve the existing coverage/capacity gap in this area of Jefferson County.

Step 4: Review of the Area's Zoning Classification. Once the site development team determined that there are no available existing tall structures which are technically feasible and suitable for co-location, the team next reviewed local zoning regulations and determined that Chapter 4, Part 4, Section 4.4.2 of the Louisville-Jefferson County Land Development Code applies to proposed telecommunications towers within Louisville-Jefferson County. The site development team then utilized this Section of the Code in conjunction with general siting principles to locate a suitable site within the Search Area to host a telecommunications tower. A parcel map is show below:



Step 5: Preliminary Inspection and Assessment of Suitable Parcels. Once suitably zoned parcels are identified, the site development team visits the parcels and performs a preliminary inspection. The purpose of the preliminary inspection is: (1) to confirm the availability of sufficient land space for the proposed facility; (2) to identify a specific location for the facility on the parcel; (3) to identify any recognized environmental conditions that would disqualify the parcel from consideration; (4) to identify any construction issues that

would disqualify the candidate; and, (5) to assess the potential impact of the facility on neighboring properties.

Whenever possible, AT&T avoids constructing towers within a floodplain. In this instance, the portion of the search area along Blevins Gap Road is located in a floodplain. Because a suitable location outside of the flood zone is available in the search area, locations in the flood zone (shown below) were removed from consideration for tower placement.



In the portion of the search area southeast of Blevins Gap Road, the terrain varies widely. The area along Blevins Gap Road is very low (over 100' lower than the site location). Further south of Blevins Gap Road, the elevation increases sharply to a height of approximately 200' taller than the area along Blevins Gap Road. While greater elevation is typically preferred for tower placement, construction of a tower site on hill or mountains with sharp elevation increases is not practical. Based on the terrain in this area and the associated difficulty with tower construction, the Applicant was unable to find a viable candidate for tower placement in the area south of Blevins Gap Road.

AT&T strives to locate its towers in areas that minimize the impact to surrounding properties while still meeting the service needs of the area. Therefore, smaller parcels containing residences as well as locations near clusters of residential structures were removed from consideration due to a lack of sufficient ground space or inadequate

separation between the tower and nearby residences. Once these parcels were removed, the site development team then evaluated the remaining parcels to determine the most compatible and least obtrusive location available for tower construction.

The following parcels were investigated and removed from consideration because the landowner did not respond to request to lease space for tower placement:

PARCEL ADDRESS	PARCEL NUMBER	LANDOWNER
4201 Blevins Gap Road	1054-0056-0000	Curtis & Paula Gaddis
4209 Blevins Gap Road	1054-0110-0000	Irene Quinn Wells Living Trust
12402 Saw Mill Road	1054-0036-0000	Norman Family Revocable Living Trust

The following parcels were also reviewed but were removed from consideration. A tower located at either of the locations discussed below will not provide superior coverage to the proposed tower at 4513 Blevins Gap Road.

PARCEL ADDRESS	PARCEL NUMBER	LANDOWNER
Blevins Gap Road	1054-0221-0000	Marvin & Laurel Wathen
12401 Saw Mill Road	1054-0032-0000	Danny and Duane Schaftlein

Step 6: Candidate Evaluation and Selection. After the preliminary site assessments were performed, the site development team ranked the candidates based on compliance with zoning regulations, the availability of ground space, topography, applicable environmental conditions, construction feasibility and the potential impact of the facility on neighboring properties. After removing the parcels discussed above from consideration, parcel number 1054-0013-0000, located at 4513 Blevins Gap Road, Louisville, KY 40272, and owned by Marvin and Laurel Wathen was identified as the most suitable parcel for tower placement. The proposed tower is located toward the back of a 25.91-acre parcel, where existing mature vegetation will provide appropriate screening and buffering from surrounding land uses and roadways. Below is a picture of the site:



Step 7: Leasing and Due Diligence. Once a suitable candidate was selected, lease negotiations were commenced and site due diligence steps were performed, as described below.

Leasehold Due Diligence:

- A Title Report was obtained and reviewed to ensure that there are no limitations on the landowner's capacity to lease and to address any title issues.
- A site survey was obtained to identify the location of parcel features, boundaries, easements and other encumbrances revealed by the title search.
- Review of environmental conditions.

Engineering Due Diligence:

- Utility access identified.
- Grounding plan designed.
- Geotechnical soil analysis performed to determine foundation requirements.
- Foundations designed to meet the Kentucky Building Code lateral and subjacent support requirements.
- Site plan developed.

Federal Regulatory Due Diligence

- Federal Aviation Administration ("FAA")
- Federal Communication Commission ("FCC")

Step 8: Application. Once a lease was obtained and all site due diligence completed, New Cingular Wireless PCS, LLC, d/b/a AT&T Mobility prepared and filed the accompanying uniform application to construct, maintain and operate a communications facility.

Conclusion

Applicant's site identification and selection process aims to identify the least intrusive of all the available and technically feasible parcels in a service need Search Area. In this instance, the parcel located at 4513 Blevins Gap Road, is the best parcel from which Applicant can resolve the coverage gap, while minimizing the impact on residential properties in this area. Further, the tower is proposed to be located toward the rear of the site parcel where existing mature vegetation will provide appropriate screening and separation from surrounding land uses and roadways. Finally, it is located within the radio frequency Search Area and a new communication facility at this location will close the service gap in this area of Jefferson County, Kentucky.

Sincerely,

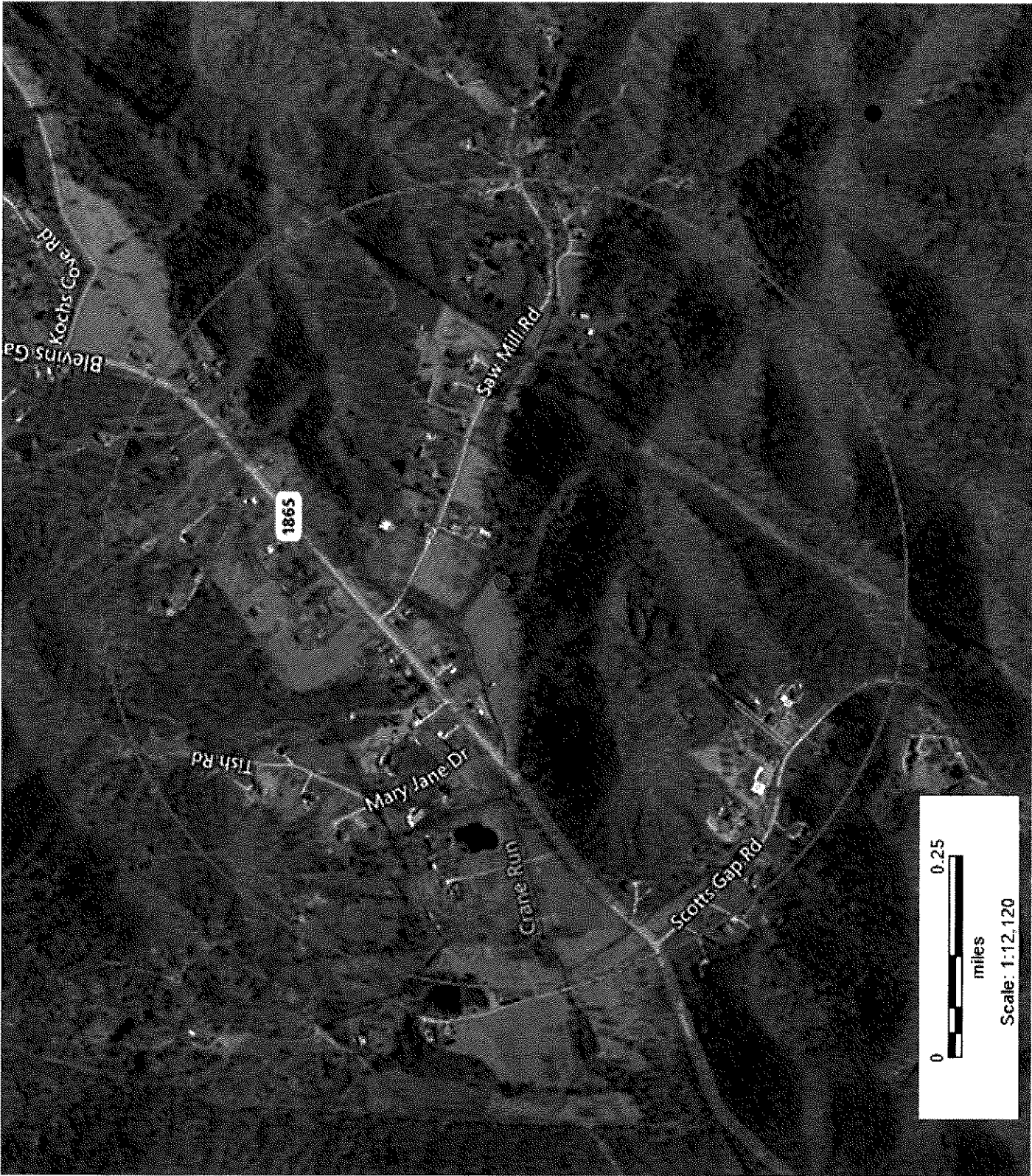


Brian Ramirez
PBM Wireless Services
3620 Developers Road
Indianapolis, IN 46227
(317) 225-6075

EXHIBIT M
RADIO FREQUENCY DESIGN SEARCH AREA

RECEIVED
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Headley Hollow Search Area

Lat: 38.070964
Long: -85.83594
Radius: .5 miles

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**EXHIBIT N
RADIO FREQUENCY ENGINEER REPORT**

RECEIVED
FEB 10 2021
PLANNING & DESIGN
SERVICES

21-CELL-0001



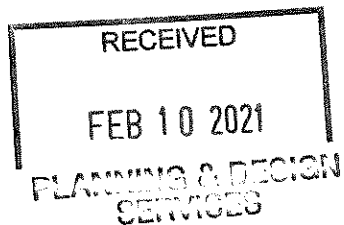
Radio Frequency Engineering Statement

in support of Application for

Proposed AT&T Mobility Wireless Communications Facility

4513 Blevins Gap Road, Louisville, KY 40272

Site Name: Headley Hollow



21-CELL-0001

BACKGROUND

AT&T Mobility (“AT&T”) is an FCC-licensed wireless communications service provider that provides essential wireless voice and data services to residential and commercial customers. AT&T delivers these services over a network of sites (i.e., antennas mounted on a support structure, with associated radio transmitting equipment) which are linked to one another and which transmit and receive signals to and from mobile phones and other wireless communication devices.

Each site provides coverage for users located in a particular area. The geographic area covered by a given site is determined by factors such as site elevation, local topography, relative location and elevation of adjacent sites and customer usage patterns for the area. The volume of usage that can be handled by an individual site is limited, and sites must be carefully located to provide sufficient coverage for users in a given area. Sites must also be located with reference to other sites in the network to provide seamless mobile connectivity while also avoiding interference with one another.

There is a significant gap in AT&T’s wireless coverage in the vicinity of the proposed site. The gap exists because there is insufficient wireless service infrastructure in the subject area. As part of AT&T’s overall plan for the county, a new wireless communications facility is needed to close this gap so that quality service may be provided to wireless service users.

To remedy this problem, new wireless communications antennas and associated equipment must be located within a prescribed area (as discussed further below) and at a specific elevation in order to be integrated into AT&T’s existing network to provide coverage in the subject area. Accordingly, AT&T proposes to install a 199-foot tall wireless communications tower on property located at 4513 Blevins Gap Road, Louisville, KY 40272 (the “Proposed Facility”). The proposed tower height and selected location are necessary for the Proposed Facility to function properly within AT&T’s network to close the coverage gap, and it will be constructed and operated in compliance with applicable Federal Communications Commission regulations.

BENEFIT TO THE COMMUNITY

As wireless communications carriers have evolved, they have become a vital link as a wireless data provider in addition to voice communications. Phones, tablets and even laptop computers can now access the internet quickly and efficiently without the need to be connected to a cable or restricted to a small Wi-Fi hotspot as was the case in the past. This has brought about many new innovations, including devices such as parking meters that can report their status, vending machines that can report their inventory levels, delivery vehicles that report package delivery and receipt and the “connected car,” which will not only stream audio but also be able to share diagnostic information, provide real-time traffic updates, report accidents and caution its owner about speeding or aggressive driving.

Wireless carriers also provide real-time internet access for law enforcement, fire and medical transport vehicles, which not only allows immediate access to information when needed, but can also help determine the closest unit to an area of need and help determine the fastest route to the site of an emergency based on current conditions.

Expanded wireless communications services are also important to businesses that use these services to support their operations. It is becoming common for AT&T to receive service quality inquiries from businesses when they are planning to locate to a new area. They want to know what infrastructure and technology is in place prior to making a move decision. This has also been the case with convention groups when planning future meetings and expositions.

In addition to expanding capacity for voice service in the subject area, AT&T is also expanding its 4G LTE high speed data service, with the goal of providing the most advanced personal wireless experience available to AT&T customers. 4G LTE is capable of delivering mobile broadband speeds up to 10 times faster than industry-average 3G speeds and features lower latency (i.e., the processing time it takes to move data through a network), which will shorten the time it takes to start downloading a webpage or file once a customer has sent. Additionally, LTE uses spectrum more efficiently than other technologies, creating more space to carry data traffic and services and to deliver a better overall network experience.

FIRSTNET

AT&T is pleased to have been selected as the nationwide public safety broadband network provider for the First Responder Network Authority (“FirstNet”), an advanced broadband network dedicated specifically to public safety communications. Congress created FirstNet to address emergency response communications shortcomings that were initially identified in the aftermath of the September 11, 2001 terrorist attacks.

All 50 U.S. states and 2 territories have opted in to FirstNet, which means that this will truly be a national network that is completely interconnected and will not stop at any state lines.

The proposed site is designed to be part of FirstNet and will provide coverage and capacity for the deployment of the FirstNet platform. Deployment of FirstNet in the subject area will improve public safety by providing advanced communications capabilities to assist public safety agencies and first responders.

The following documents are attached as addenda to this report to provide the Commission with additional information regarding the benefits of FirstNet:

1. AT&T Press Release: *AT&T Selected by FirstNet to Build and Manage America’s First Nationwide Public Safety Broadband Network Dedicated to First Responders*
2. FirstNet.com Frequently Asked Questions

SERVICE COVERAGE GAP

AT&T uses industry standard propagation tools to identify the areas in its network where signal strength is too weak to provide reliable in-building service quality. This information is developed from many sources, including terrain and clutter databases which simulate the environment and propagation models that simulate signal propagation in the presence of terrain and clutter variation.

The extent of service coverage provided by existing AT&T sites in the subject area is shown on the map included as Exhibit A (page 6) with this Report. The green shading indicates areas with a signal strength level that provides acceptable in-building service coverage (i.e., where users are able to place or receive a call on the ground floor of a building). The blue shading indicates areas with a signal strength level that provides acceptable in-transit service coverage (i.e., where users should be able to place or receive a call from within a vehicle). The red shading indicates areas with a signal strength level where a customer might have difficulty receiving consistently acceptable service.

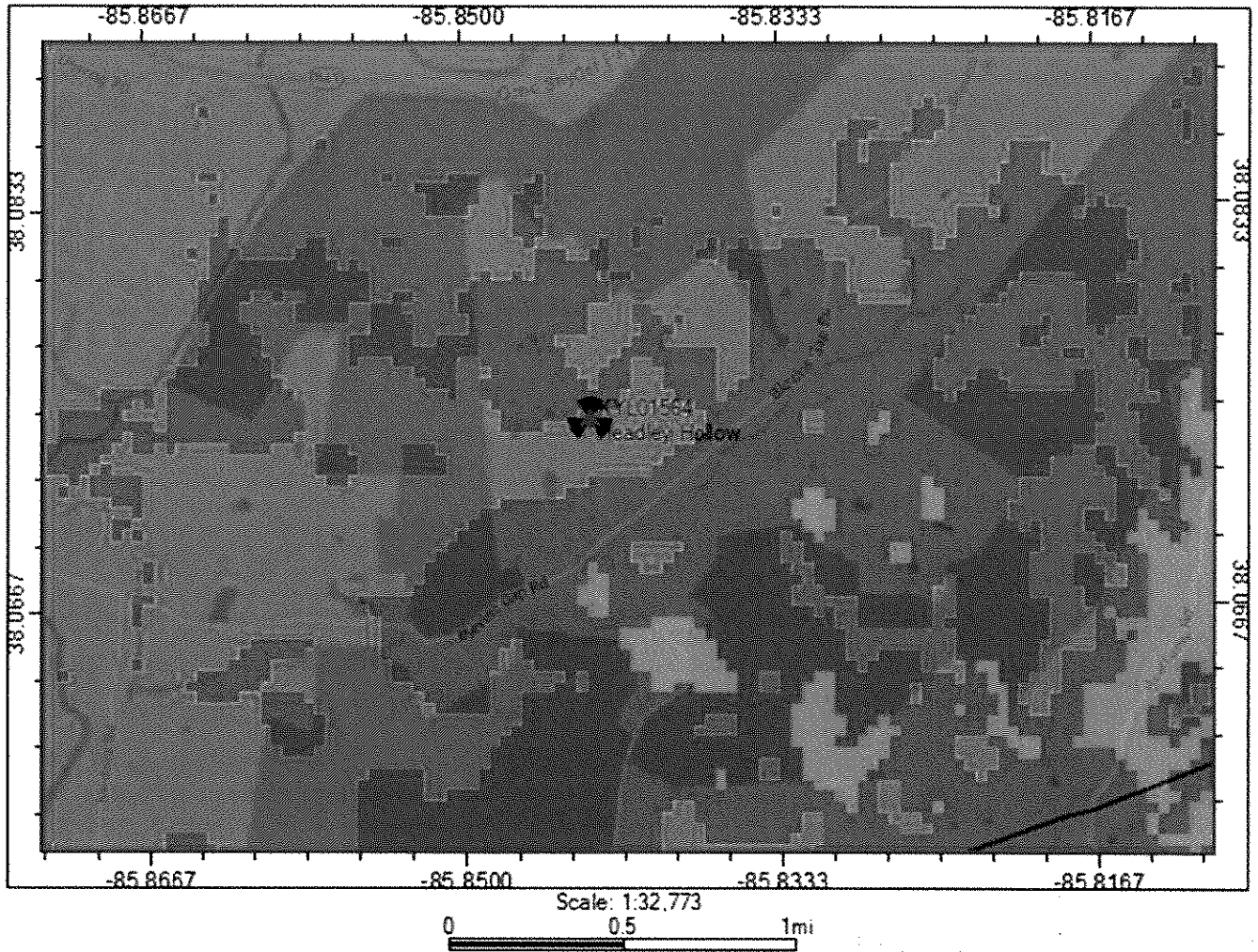
The quality of service experienced by any individual customer can differ greatly depending on whether the user is indoors, outdoors, stationary, or in transit. AT&T strives to provide consistent service to all users within a coverage area. Accordingly, the blue and red areas on Exhibit A are areas where there is currently inadequate service coverage, and a new facility is needed to close the coverage gaps that affect these areas.

AT&T proposes to construct the Proposed Facility to remedy the service issues and close the coverage gaps illustrated by Exhibit A. The map attached as Exhibit B (page 7) depicts coverage in the subject area once the Proposed Facility is built and integrated into AT&T's existing network. A comparison of Exhibit A (i.e., existing coverage) with Exhibit B (i.e., proposed coverage) clearly shows that gap areas will be significantly reduced once the Proposed Facility is operational, and this will expand coverage and improve service quality and availability in the subject area.

EXHIBIT A

Existing Service Coverage Without Proposed Site

This map illustrates existing coverage in the subject area. Note the clear gap in coverage in the vicinity of the Proposed Site location.

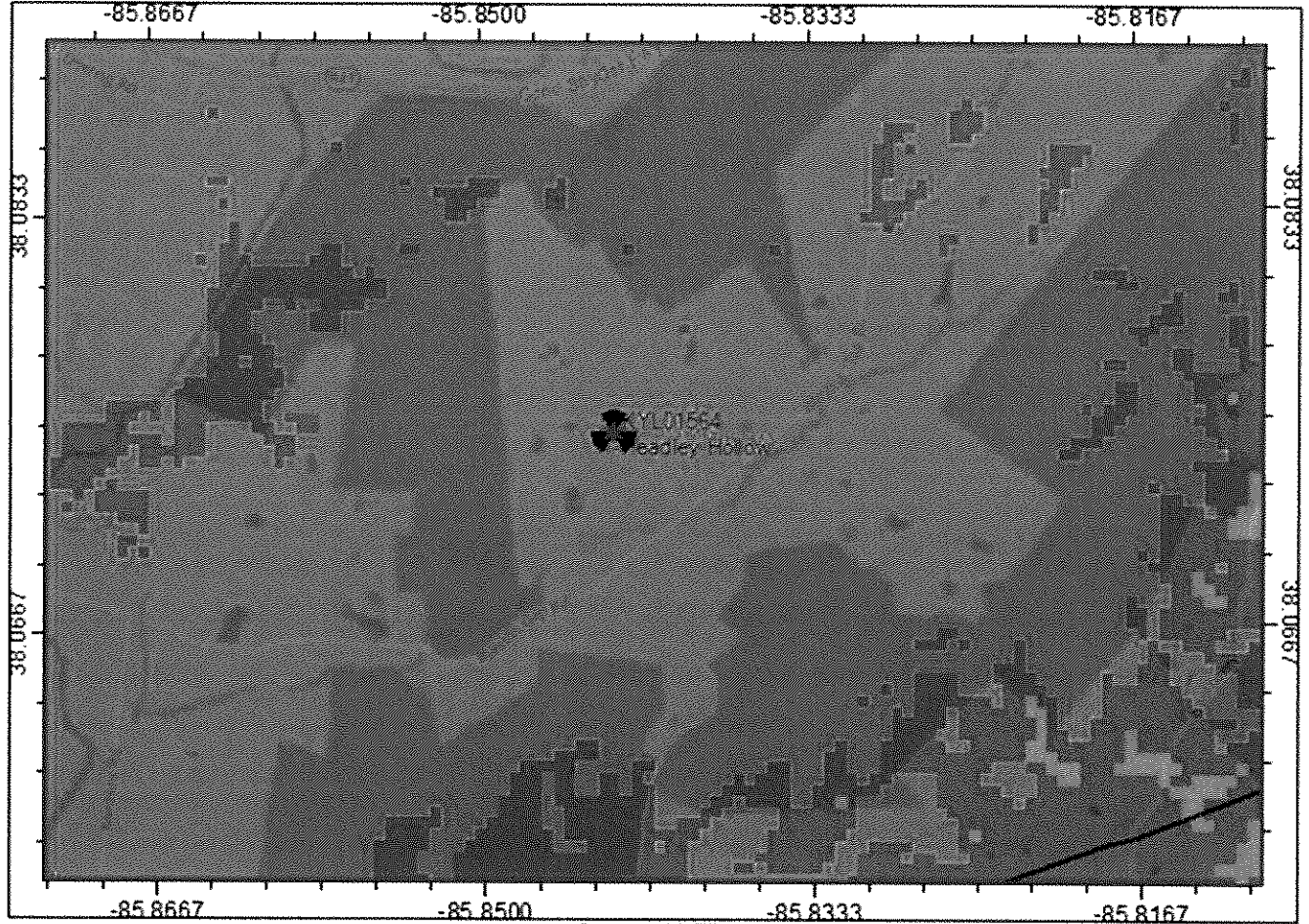


- Best Signal Level (dBm) ≥ -75
- Best Signal Level (dBm) ≥ -85
- Best Signal Level (dBm) ≥ -95

EXHIBIT B

Proposed Service Coverage With Proposed Site

This map illustrates coverage improvements that will be realized with the addition of the Proposed Facility.



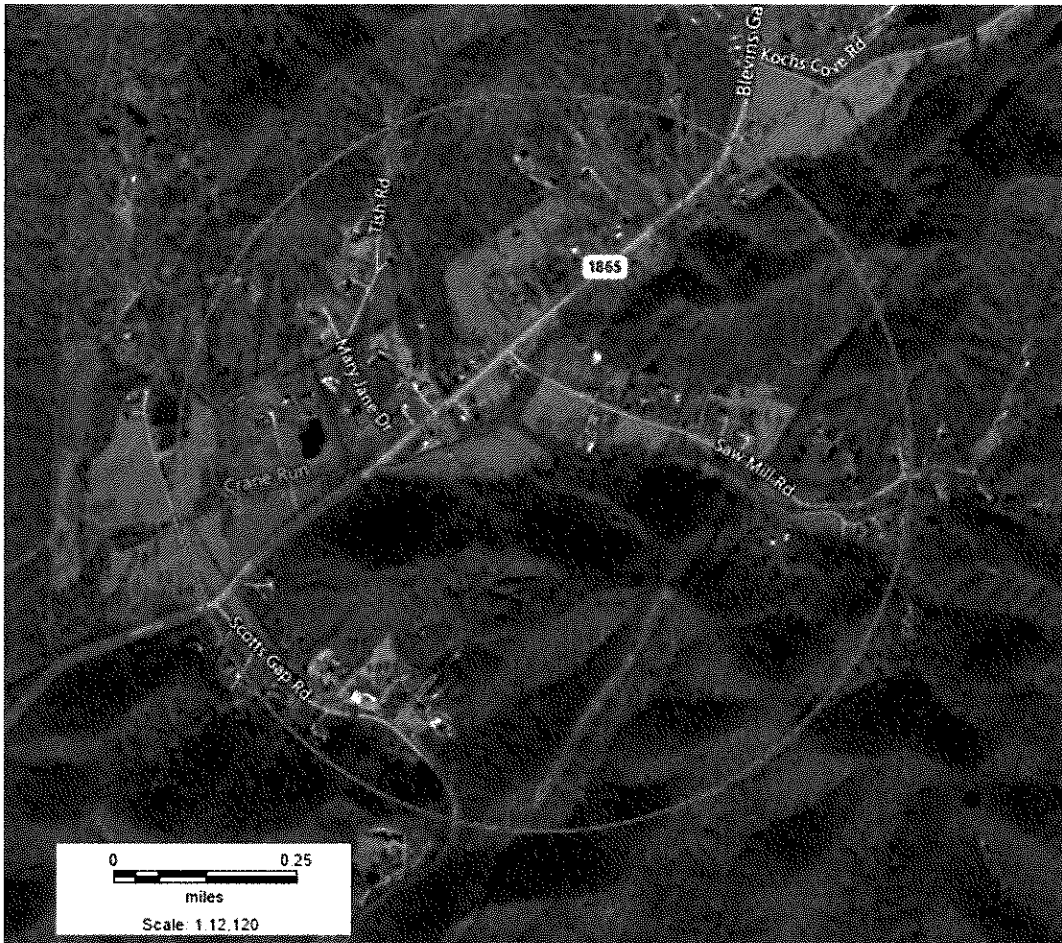
- Best Signal Level (dBm) ≥ -75
- Best Signal Level (dBm) ≥ -85
- Best Signal Level (dBm) ≥ -95

AT&T SEARCH AREA

The following Search Area map included as Exhibit C below shows the area where a new wireless communications facility is needed in order to fulfill the coverage objectives and network design criteria discussed herein. AT&T carefully examined the Search Area to select the Proposed Facility location and has concluded that there is no more suitable location reasonably available for the Proposed Facility.

Whenever possible, AT&T seeks to co-locate its equipment on existing structures, since co-location speeds deployment of new facilities and reduces tower proliferation. However, there are no reasonably available opportunities to co-locate AT&T's antennas on an existing structure that will satisfy the service objectives for this site.

EXHIBIT C Search Area Map



Lat: 38.070964
Long: -85.83594
Radius: .5 miles

Headley Hollow Search Area

CONCLUSION

The Proposed Facility will provide a necessary link in AT&T's wireless network infrastructure. The location for the Proposed Facility was chosen to address the service issues described in this report, and the height of the tower proposed as part of the Proposed Facility is the minimum necessary to provide adequate service to the area. Once operational, the Proposed Facility will provide and improve the wireless communications services in the area.

A handwritten signature in cursive script that reads "Brian Matthews". The signature is written in black ink and is positioned above a horizontal line.

Brian Matthews
Senior RAN Engineer
AT&T Mobility

ADDENDUM A

AT&T Press Release: AT&T Selected by FirstNet to Build and Manage America's First Nationwide Public Safety Broadband Network Dedicated to First Responders

AT&T Selected by FirstNet to Build and Manage America's First Nationwide Public Safety Broadband Network Dedicated to First Responders

Our Company / Dallas, Texas, Mar 30, 2017

Public-Private Infrastructure Investment Helps Police, Firefighters & Other First Responders Keep America Safe

FirstNet Investments Expected to Create 10,000 Jobs

AT&T* has been selected by the First Responder Network Authority (FirstNet) to build and manage the first broadband network dedicated to America's police, firefighters and emergency medical services (EMS). The FirstNet network will cover all 50 states, 5 U.S. territories and the District of Columbia, including rural communities and tribal lands in those states and territories.

This is a much needed investment in America's communications infrastructure to support millions of first responders and public safety personnel nationwide who protect and serve more than 320 million people across the U.S. This significant public-private infrastructure investment is expected to create 10,000 U.S. jobs over the next two years from AT&T's work for FirstNet. The network buildout will begin later this year.

Randall Stephenson, AT&T chairman and CEO, said, “We are honored to work with FirstNet to build a network for America’s police, firefighters and EMS that is second to none. This is an unprecedented public-private investment in infrastructure that makes America a leader and public safety a national priority.”

“Today is a landmark day for public safety across the Nation and shows the incredible progress we can make through public-private partnerships,” said U.S. Department of Commerce Secretary Wilbur Ross. “FirstNet is a critical infrastructure project that will give our first responders the communications tools they need to keep America safe and secure. This public-private partnership will also spur innovation and create over ten thousand new jobs in this cutting-edge sector.”

Today, first responders use commercial networks – the same ones used by consumers and businesses – for mobile data and applications. That can be an issue when a significant public safety crisis happens and commercial networks quickly become congested. It makes it difficult for first responders to communicate, coordinate and do their jobs.

Plus, first responders use more than 10,000 networks for voice communications. These networks often do not interoperate, which severely limits their ability to communicate with each other when responding to a situation.

FirstNet’s mission is to fix this. Through this new public-private partnership with FirstNet, AT&T will deliver a dedicated, interoperable network and ecosystem that will give first responders the *technology they need to better communicate and collaborate across agencies and jurisdictions – local, state and national.*

“There’s no connection more important than one that can save a life,” said Kay Kapoor, president, AT&T Global Public Sector. “FirstNet is

unprecedented in its vision, scope and importance to our nation and the future of public safety communications. We're honored to be selected for this historic and critical initiative.”

“This partnership brings together FirstNet as the voice of public safety and a global technology team with a proven track record and commitment to public safety,” said FirstNet CEO Mike Poth. “Together, FirstNet and AT&T will move with precision and urgency to deliver this much-needed infrastructure to those who need it the most: the first responders we rely on in disasters and emergencies.”

In addition to creating a nationwide seamless, IP-based, high-speed mobile communications network that will give first responders priority access, the network will help:

- Improve rescue and recovery operations to help keep first responders out of harm's way
- Better connect first responders to the critical information they need in an emergency
- Further the development of public safety focused IoT and Smart City solutions such as providing near real-time information on traffic conditions to determine the fastest route to an emergency
- Enable advanced capabilities, like wearable sensors and cameras for police and firefighters, and camera-equipped drones and robots that can deliver near real-time images of events, such as fires, floods or crimes

FirstNet and AT&T will innovate and evolve the network to keep the public safety community at the forefront of technology advances. For example, as 5G network capabilities develop in the coming years, FirstNet and AT&T will work together to provide the exponential increases in the speed with which video and data travel across the FirstNet network.

To help FirstNet achieve its public safety mission, AT&T has assembled a team that includes Motorola Solutions, General Dynamics, Sapient Consulting and Inmarsat Government.

The broad terms of this 25-year agreement between FirstNet and AT&T are:

- FirstNet will provide 20 MHz of high-value, telecommunications spectrum and success-based payments of \$6.5 billion over the next five years to support the network buildout; FirstNet's funding was raised from previous FCC spectrum auctions.
- AT&T will spend about \$40 billion over the life of the contract to build, deploy, operate and maintain the network, with a focus on ensuring robust coverage for public safety users.
- Additionally, AT&T will connect FirstNet users to the company's telecommunications network assets, valued at more than \$180 billion.

The strong participation of states in the FirstNet network will help make this significant investment in America's communications infrastructure a reality. As states join FirstNet, investment in infrastructure and job creation will follow.


For more information on AT&T's selection, please visit att.com/FirstResponderNews. For more information about FirstNet, please visit FirstNet.gov/mediakit.

*AT&T products and services are provided or offered by subsidiaries and affiliates of AT&T Inc. under the AT&T brand and not by AT&T Inc.

ADDENDUM B

FirstNet.com Frequently Asked Questions

Frequently Asked Questions | FirstNet.com

 Send to Kindle

1. What is the FirstNet network?

FirstNet will be a force-multiplier for first responders – giving the public safety community the 21st- century communication tools it needs to help save lives and keep communities and first responders safe. The foundation of the FirstNet service is a highly reliable highly secure broadband network dedicated to public safety. This is the first time public safety communications will be based on global standards like Global System for Mobile Communications, realize the benefits of economies of scale, and see rapid evolution of advanced communication capabilities, on a network designed for public safety users.

2. What is the First Responder Network Authority?

It is an independent authority established by Congress in 2012 with the mission to ensure the deployment of a nationwide broadband network dedicated to America's public safety community. FirstNet grew out of and addresses a 9/11 Commission recommendation calling for improved communications for all U.S. first responders. The FirstNet network will strengthen public safety's communications capabilities, enabling them to coordinate and respond more quickly and effectively in disasters and emergencies and for everyday public safety operations.

3. What is the role of AT&T in the FirstNet network?

After a rigorous, competitive process, the First Responder Network Authority selected AT&T as the nationwide public safety broadband network provider. AT&T will provide a turnkey experience (including deploying the Core network

and assuming operational, financial, and technical responsibilities associated with the network for up to 25 years) to each state and territory that Opt In to the proposed State Plan, as well as provide discrete Core network elements and services to Opt-Out states. This first of its kind public-private partnership is poised to modernize public safety resources, infrastructure, and cost-effectiveness.

4. Why is the FirstNet network a necessary and relevant undertaking?

Whether they're responding to a local emergency or supporting a disaster in another city or state, public safety deserves a network that will be there for them whenever and wherever they need it. This unifying network will allow first responders and other public safety personnel to communicate across different agencies and jurisdictions throughout the country. Given current difficulties in doing this, the FirstNet network will allow public safety entities to better coordinate when jointly responding to human-caused and natural disasters.

5. What is the role of public safety in the creation of the FirstNet network?

Public safety officials have worked closely with – and been a part of - the First Responder Network Authority since its inception in 2012. FirstNet's outreach and consultation efforts have connected with more than 1.8 million public safety stakeholders across the country, consulting extensively with each single point of contact (SPOC) in each of the 50 U.S. states, five territories, and the District of Columbia, as well as local/municipal/tribal/federal and public safety leaders. FirstNet also coordinates with and receives input from the public safety community through the Public Safety Advisory Committee (PSAC), which provides guidance and public safety subject matter expertise.

6. How does FirstNet compare to what's currently available to public safety?

Today:

- Networks get congested in disasters and emergencies, making it difficult for first responders and other public safety personnel to communicate, coordinate and do their jobs.
- The public safety community uses more than 10,000 radio networks – which creates difficulty when trying to communicate across agencies or jurisdictions.

With the FirstNet network:

- First responders and other public safety personnel will access one highly secure, nationwide, interoperable communications network that will support voice, data, text and video communications.
- Public safety will have dedicated access to this network in times of crisis– their communications needs will come before non-public safety users.
- FirstNet will also deliver specialized features to further the public safety mission, including priority, preemption and more network capacity; a resilient, hardened connection; and an applications ecosystem with innovative applications and services.
- Devices connected to the network – such as wearables, drones and vehicles – will relay near real-time information to improve situational awareness and, ultimately, help save lives both of public safety responders on the front lines and the communities they protect.

7. Who is included in the FirstNet public safety community?

Law enforcement, the fire service, and emergency medical services personnel will be FirstNet's primary users. Extended primary users are other entities that provide public safety services, including individuals, agencies, organizations, non-profit or for-profit companies who are not primary users, but who may be called upon to support public safety personnel with the mitigation, remediation, overhaul, clean-up, restoration, or other such services that are required during or after emergencies or incidents.

8. What does the FirstNet network provide for public safety?

- A single, nationwide, reliable, highly secure and interoperable LTE broadband network
- Coverage for millions of first responders and public safety personnel across 50 states, five territories and the District of Columbia, including rural communities and tribal lands in those states and territories
- Dedicated IP core with priority and preemption capabilities
- Interoperability across public safety agencies and jurisdictions
- Customized customer service with dedicated 24x7x365 care support
- Highly secure application ecosystem
- Network disaster recovery resources
- Close collaboration with other public safety responders to stage and prepare for potential disasters and better support event resolution
- A more resilient ruggedized network for public safety personnel

9. How will FirstNet address the needs of public safety in less-populated areas?

Emergencies can happen anywhere, so building out the network in rural areas is just as important as for densely populated urban areas. The extended FirstNet network will have the more robust communications capabilities public safety needs in emergencies and for normal operations, resulting in greater ability for rural public safety practitioners. Today, the AT&T voice and data network reaches more than 99% of Americans. The FirstNet network will extend beyond that footprint, into rural areas with less coverage, to support public safety in emergency situations.

10. What are State Plans and how do they work? How do they affect my ability to get FirstNet service?

Each state or territory will receive a plan outlining how the network will be deployed in such state or territory. These plans are based on the extensive consultation and outreach the First Responder Network Authority has

conducted with states, territories, tribes, localities, and the public safety community.

The State Plans will be delivered through an online portal to SPOC teams and governors. The target for sharing plans is mid-June, with up to a 45-day review period for the states and territories. There is an opportunity to exchange feedback with FirstNet before the official 90-day clock starts for each state or territory governor to make an “Opt-In/Opt-Out” decision on its State Plan.

Once a state Opts-In, FirstNet network service will be available to public safety agencies in that state or territory. Any state or territory that Opt-Out assumes the responsibility and associated costs for the ongoing deployment, operation, maintenance, and improvement of a public safety Radio Access Network in such state or territory, which must be maintained in accordance with FirstNet’s network policies.

11. When will public safety be able to use the FirstNet network?

Once the governor of the state or territory Opts-In, public safety can subscribe to FirstNet services.

12. Will first responders on other wireless networks be able to take advantage of the FirstNet network?

Benefits of FirstNet will be available to first responders and other public safety personnel who sign up for service on the FirstNet network after their governor Opts-In.

13. Will first responders have access to priority and preemption?

Yes. One of the key benefits of the public/private partnership between FirstNet and AT&T will be the availability of quality of service and priority for data services immediately after a state or territory Opts-In. Preemption capabilities will be available to primary users on all AT&T commercial LTE bands estimated by the end of 2017, and on FirstNet Band 14 as it is deployed.

14. How will the network manage priority and preemption?

A priority and preemption profile will be coded into the FirstNet user's device. This will allow the network to recognize and manage access based on the user profiles established by FirstNet and the public safety agencies. Preemption services will remove active sessions from non-first responders when network resources are scarce or fully occupied in times of emergency.

15. How will this network withstand natural disasters, such as flooding or hurricanes?

The first line of defense against network impact from natural disasters is a hardened, strengthened network. AT&T builds network infrastructure to meet or exceed national standards and local wind and earthquake load requirements. They have continued to strengthen the network in hurricane-prone areas by:

- Installing back-up and permanent generators at critical cell sites and switching facilities
- Locating critical equipment in less vulnerable areas
- Locating electronics critical to network operations above expected flood levels
- Protecting physical facilities against flooding

Additionally, AT&T will provide power to the network in case commercial power is lost by adding more generators for use immediately after a storm hits. They will also place switches and generators critical to network operations in upper floors of buildings in case of flooding. AT&T has already elevated key distribution facilities in many low-lying areas and upgraded electronics in many locations, replacing copper wiring with fiber optic cable.

16. What is the plan for disaster recovery ?

AT&T leads one of the nation's largest and most advanced disaster programs and will increase its fleet with new deployables to support the FirstNet network. This gives public safety access to Cell on Wheels (COWs), Cell on

Light Trucks (COLTs), trailers, generators and more. AT&T also holds 130,000+ hours of field experience conducting Network Disaster Recovery (NDR) exercises, performing full-scale recovery exercises each year to test its equipment and abilities.

17. How will the FirstNet network provider handle cyberattacks that may threaten the network?

The FirstNet network provider, AT&T, has two eight world-class Global Security Operations Centers dedicated to the FirstNet network, where security experts analyze the traffic on the network 24/7/365 to help understand and identify the latest emerging threats. AT&T uses a multi-layered security approach to embed security within its network and help secure individual devices, data sets, and applications. They also use overarching threat analysis to understand the latest threats and help prevent against them.

18. How can I learn more about FirstNet?

This site – www.FirstNet.com – is a great resource for those who want to learn about FirstNet services, the unique value of the FirstNet network to public safety, and how to subscribe for the FirstNet service once your state or territory Opts-In. You can also visit www.FirstNet.gov to learn about FirstNet’s programs and activities, including its consultation and outreach with public safety, the State Plans process, FirstNet’s history and promise, and how it plans to ensure the FirstNet network meets the needs of public safety – every day and in every emergency. To have a conversation specifically about your interests, you may contact a FirstNet Specialist at FirstNet.com.