

PENNSYLVANIA PARTNERSHIP FOR 5G

TO: Members of the Pennsylvania House Consumer Affairs Committee

SUBJECT: HB 2564

FROM: Ashley Henry Shook, Spokesperson, PA Partnership for 5G

DATE: August 7, 2018

Esteemed Members of the Pennsylvania House Consumer Affairs Committee:

My name is Ashley Henry Shook, and I am the Spokesperson for the Pennsylvania Partnership for 5G, a business and technology advocacy group supporting the deployment of 5G technology infrastructure throughout the Commonwealth.

The current members of the PA Partnership for 5G include the PA Fire & Emergency Services Institute; Pennsylvania Wireless Association; Wireless Infrastructure Association; Philly By Air; Philadelphia Fraternal Order of Police, Lodge #5; Philadelphia Alliance for Capital and Technologies; Biondo Creative; Innovative Technology Holdings; Susquehanna Technology Association; Technology Council of Central PA; Pittsburgh Film Office; Greater Pittsburgh Chamber of Commerce; Pittsburgh Technology Council; Allegheny County; Pittsburgh Downtown Community Development Corporation; Omni Bedford Springs Resort; Omni William Penn Hotel; Pittsburgh Riverhounds SC; AE Works; Crown Castle; PerfectVision Manufacturing; and Wall-to-Wall Studios.

On behalf of our members, I would like to express our appreciation for convening a committee hearing devoted to discussing HB 2564 – the Small Wireless Facilities Deployment Act.

The Pennsylvania Partnership for 5G is supportive of statewide legislation that sets standards for fees, provides a streamlined permitting process and creates an environment which enables small cell deployment. It is our hope HB 2564 will also reflect these principles as it moves through the House Consumer Affairs Committee.

A legislative framework for the deployment of small cell nodes, the backbone by which 5G technology will be supported, is critical. It's why 20 other states across the country, including Ohio, Illinois, and Delaware have already enacted such legislation. Now is the time for Pennsylvania to do the same.

When 5G-capable devices become available in 2020, Pennsylvanians – your constituents – are going to expect and ultimately demand access to this technology, especially those in urban and suburban settings where demand is beginning to exceed capacity. Yet, Pennsylvania currently lacks the infrastructure needed for 5G service. It's why the PA Partnership for 5G was formed. Our members collectively recognize the need for policy makers to understand the ramifications it will cause if Pennsylvania is not providing a regulatory environment that promotes small cell deployment.

Driverless technology, robotic deliveries, first responder networks, traffic flow solutions, and other data-driven services, many of which are found in today's smart homes and appliances, will require a 5G network to operate efficiently. The public safety, economic development, and business implications are just now beginning to be realized and quantified.

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According to Accenture, 5G technology will help create 3 million new jobs, \$500 billion in GDP and \$275 billion in private investment. Meanwhile, the 5G infrastructure market is estimated to reach \$2.86 billion by 2020, before reaching \$33.72 billion by 2026.¹

If we want to remain competitive, it is imperative that Pennsylvania is prepared to reap these benefits. The PA Partnership for 5G is hopeful that HB 2564 can establish a reasonable, predictable, and uniform deployment of small cells across jurisdictions so that Pennsylvania is not left behind in the race for 5G.

Thank you very much for your consideration, and I hope you will do your part to ensure Pennsylvania is placed at the forefront of this technological transformation.

Respectfully,

Ashley Henry Shook
PA Partnership for 5G
www.papartnershipfor5G.com

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About the PA Partnership for 5G: The Pennsylvania Partnership for 5G aims to educate different sectors about 5G technology and the infrastructure it requires. The Partnership brings together various leaders from a diverse set of industries and constituencies to help forge a technologically progressive Pennsylvania.

¹ <https://api.ctia.org/docs/default-source/default-document-library/how-5g-can-help-municipalities-become-vibrant-smart-cities-accenture.pdf>