

**STATEMENT OF
COMMISSIONER JESSICA ROSENWORCEL**

Re: In the Matter of Acceleration of Broadband Deployment by Improving Wireless Facilities Siting Policies, WT Docket No. 13-238; Acceleration of Broadband Deployment: Expanding the Reach and Reducing the Cost of Broadband Deployment by Improving Policies Regarding Public Rights of Way and Wireless Facilities Siting, WC Docket No. 11-59; 2012 Biennial Review of Telecommunications Regulations, WT Docket No. 13-32.

If you want a wireless revolution, you need an evolution—in infrastructure.

Mindful of this truth, today the Commission significantly evolves its policies for wireless facilities siting. That means we streamline many aspects of our tower siting rules to help encourage the deployment of wireless infrastructure. But what we do goes well beyond traditional towers. That's because the rules we put in place today are our first steps to encourage deployment of infrastructure that is absolutely critical for the next generation of wireless service—5G.

This is a good thing. Because the race to 5G is on. And in the next generation of wireless networks, traffic will change. We will see more data traveling wirelessly than ever before—between people, between people and machines, and between machines themselves. To accommodate all of this traffic, we will need to look anew at spectrum that is way, way up there—well beyond our traditional 3 GHz boundary for mobile broadband. But the physics of these far-off frequencies are different. They have smaller waves, multiplying our need for antenna systems. That means we need different infrastructure here on the ground. That means exploring new technologies like massive multiple-input, multiple output antenna arrays and hetnets that could change how we think about network topology. That means we need to start with new policies to support deployment of Distributed Antenna Systems and small cells.

That is a critical part of what we do here today—and I am pleased to support it. Some revolutions begin with a bang—but this one starts with the heavy lift of hard work. So thank you to the Wireless Telecommunications Bureau for your efforts to evolve our wireless siting policies and for your commitment to support infrastructure deployment—both in this generation of technology and the next.