

## Summary of Pending Federal Legislation Mandating 5G and other Wireless Infrastructure as of November 30, 2017

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S.1988	SPEED Act	Exempts cell towers less than 50 feet tall from environmental and historic preservation laws.
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S.604	Highway Rights-of-Way Permitting Efficiency Act	Requires Depts. of Agriculture and Interior to permit broadband facilities on highways they control and exempts such facilities from environmental laws.
H.R.555	Amateur Radio Parity Act	Extends Section 704 of the Telecommunications Act to apply to amateur radio stations, even within private communities with restrictive covenants. It prohibits local governments and community associations from denying permission to anyone to install and operate an amateur radio antenna.
S.1682	AIRWAVES Act	Commands the FCC to auction commercial spectrum from 27,500 MHz and 52,600 MHz, and to identify spectrum between 71,250 MHz and 84,000 MHz for unlicensed use.
S.19	MOBILE NOW Act	Requires the FCC to make spectrum available for 5G. Orders NTIA to conduct a competition for a prize of \$5 million to individuals who figure out ways to improve wireless technology.
S.742	Community Broadband Act	Promotes public-private partnerships for providing advanced telecommunications services to the public.
S.88	DIGIT Act	Establishes a federal working group and a steering committee of stakeholders to further the development of the Internet of Things.
H.R.686	DIGIT Act	Same.
H.Res.521		Expresses the sense of the House that 5G should be deployed everywhere in the United States.
S.Res.242		Expresses the sense of the Senate that 5G should be deployed everywhere in the United States.
H.Res.53		Establishes a national goal of transmitting high-quality voice, data, graphics, and video at increasingly higher speeds to all people in the United States.

H.R.3895	Smart Cities and Communities Act	Establishes an Interagency Council on Smart Cities to coordinate and provide funding for the development of smart cities that have data systems, devices, and sensors embedded in everything.
S.1904	Smart Cities and Communities Act	Same.
H.R.4151	STREET Act	Provides information to cities, and grants to small- and medium-sized communities, to develop smart cities and communities and smart transportation systems.
S.1809	Moving FIRST Act	Awards SMART grants for the development of Smart Transportation Systems including driverless vehicles.
H.R.3901	Moving FIRST Act	Same.
H.R.3769	Freight Infrastructure Reinvestment Act	Providing grants for the development of smart transportation systems.
S.1363	Rural Broadband Deployment Streamlining Act	Establishes a shot clock for granting or denying applications for telecom facilities on federal lands.
H.R.2425	Public Lands Telecommunications Act	Provides that rental fees from telecom facilities on federal lands will be spent to develop additional telecom sites on or adjacent to federal lands.
H.R.2479	Leading Infrastructure for Tomorrow's America Act	Provides federal grant money for rural wired and wireless broadband.
H.R.1814	Rural Spectrum Accessibility Act	Directs the FCC to make additional spectrum available for rural wireless broadband.
S.277	Rural Telecommunications and Broadband Service Act	Establishes within the FCC a Rural Telecommunications and Broadband Advisory Committee to promote advanced telecom services in rural areas.
H.R.800	New Deal Rural Broadband Act	Provides grants, loans, and loan guarantees to at least one entity in every state for rural broadband programs.
S.1676	B-CROP Act	Establishes grants and loans for rural broadband projects.
H.R.4232	B-CROP Act	Same.
H.R.4291	Precision Farming Act	Provides loans and loan guarantees to establish broadband service to farmers.
H.R.2870	Gigabit Opportunity Act	Provides tax incentives for providing high-speed broadband in rural areas.

S.1013	Gigabit Opportunity Act	Same.
S.1229	Move America Act	Same.
H.R.3314	100 by '50 Act	Provides grants for the development of rural broadband infrastructure.
S.987	100 by '50 Act	Same.
H.R.4151	America Wins Act	Establishes a Build America Trust Fund, including \$3,000,000,000 to expand access to broadband in rural communities.
H.R.2903	Rural Reasonable and Comparable Wireless Access Act	Directs the FCC to set a national standard for a minimal level of broadband and wireless access.
H.R.3994	ACCESS BROADBAND Act	Establishes an Office of Internet Connectivity and Growth to streamline applications to provide broadband Internet.
S.1116	Indian Economic Enhancement Act	Authorizes the Bureau of Indian Affairs to provide financial assistance to Indian communities to, among other things, develop broadband infrastructure.
S.102	Securing Access to Networks in Disasters Act	To study the feasibility of enabling 911 calls to be made via WiFi access points when cell towers are not available.
H.R.588	Securing Access to Networks in Disasters Act	Same
H.R.2825	Department of Homeland Security Authorization Act.	To, among other things, resurrect the LORAN land-based wireless navigation system as a nationwide backup for GPS.
H.R.2518	Coast Guard Authorization Act.	Same.
S.449	DIGITAL AGE Act	Establishes within the State Dept. a Special Representative to oversee the Global Connect initiative and conduct foreign policy efforts, and to fund Global Connect efforts to provide wireless broadband to an additional one and a half billion people by 2020.
H.R.600	Digital Global Access Policy Act	To mobilize the State Dept., USAID, and the Peace Corps in the promotion of wired and wireless broadband access in developing countries.
H.R.4287	Broadband Infrastructure Finance and Innovation Act	Makes loans, loan guarantees, and lines of credit available for building broadband infrastructure.

H.R.22	Smart Border Act	Authorizes the Dept. of Homeland Security to deploy “smart border technologies” and enhance access to mobile communications in border areas.
H.R.1000	Jobs for All Act	Provides grants to hire labor for federally or state funded projects aimed at expanding broadband and wireless Internet access.
H.R.547	National Infrastructure Development Bank Act	Establishes the National Infrastructure Development Bank to make loans and loan guarantees, issue bonds and provide financing for infrastructure projects, including wireless telecommunications infrastructure projects.
S.1714	Southeastern Oregon Development Act	Makes grants available for improvement of broadband and cellular services.
H.R.2374	Eastern Nevada Economic Development and Land Management Improvement Act	Requires the proceeds from certain BLM land sales to be used for water, sewer, electricity and broadband infrastructure.
S.2061	Next Generation 9-1-1 Act	Requires the Implementation Coordination Office to work with all federal agencies to coordinate the deployment of Next Generation 9-1-1 services
S.1460	Energy and Natural Resources Act	Establishes a Federal Smart Building Program to implement “smart building technology,” to make all federal buildings “smart buildings,” and to work with the private sector to accelerate the conversion of all public, institutional and commercial buildings to “smart buildings.”
H.R.1691	Smart Energy and Water Efficiency Act	Awards grants to connect energy and water systems to the Internet by embedding sensors and intelligent gateways.
H.R.3290	---	Establishes a public-private partnership to provide technical assistance to states, tribes and local governments to further the development of the Smart Grid.
H.Res.334	---	The sense of the House to promote and advance the Smart Grid.
S.1406	---	Establishes the United States Green Bank. The Green Bank will issue loans, loan guarantees and credit buy downs to cities and counties for “qualified energy efficiency projects” including smart grid technologies.
H.R.2995		Same.
H.R.3479	Secure Miles with All Resources and Technology [SMART] Act	Requiring the Dept. of Homeland Security to deploy tower-based radar surveillance systems, radar tracking from aircraft, seismic acoustic detection, unmanned surveillance sensors, and drones along the northern, southern and maritime borders of the United States.

H.R.3548 Border Security for America Act Same.

S.1757 Building America's Trust Act Same.