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5G technology. Is it better, faster, more advanced? Or an unproven, costly, unnecessary risk to citizen's privacy, property and health?

First, what is 5G? Is it all that different from 3G or 4G? Well, yes.

4G was an improvement over 3G because it supported smart phone access to the internet. The move from 3G to 4G used the same tall cell phone towers and didn't come with any new risks. Communities and homeowners could fight against cell towers in their neighborhoods on grounds of property rights, falling property values and aesthetics, though they were not allowed to object on health concerns. (Though there is new conclusive evidence from the recently released National Toxicology Program (a \$28 million-dollar research study released in March), that cell phones and cell towers cause DNA damage and cancer.)

5G technology is very different from 4G technology. 5G runs on a completely different kind of wavelength, with different transmitters, different characteristics and different dangers. It brings new risks to our health and environment, which haven't even been fully researched or tested. This new wavelength band may be even more disruptive to human health. It has been tested for use in crowd control, because it can make people feel like their skin is on fire.*

There is no new benefit of 5G to customers, except that it allows more people to stream videos on their phones. It may shave a second or two off cell phone internet speed.

The big benefit is to the telecom industry, which will be able to capture and sell private information and use citizen's property for their unsightly infrastructure. In the future, 5G may track private behavior through "the internet of things", recording everything we do, from our appliance usage, personal habits, and tracking the exact location of our cars.

We are being asked to give up our rights and our municipal rights of way for no real benefit. We will lose our ability to say no to big, ugly transmitters on our main streets or on the utility pole across from our homes. We will not be able to object because our property values go down, or because we suddenly can't sleep at night, or our children develop nosebleeds or headaches, or worse.

The telecom industry is planning to make big profits on Michigan citizen's property and privacy and stick us with the bill. They will not be held liable for injuries sustained when the infrastructure fails, gets hacked or causes illness. They will not even compensate our cities fairly for the use of our public rights of way. SB 637 and SB 894 are extremely expensive for Michigan citizens and we will pay with our privacy, our health, and our property rights. Put the pause on 5G and stop these bills until 5G is fully tested and you can insure Michigan citizen's rights are protected.

*"Raytheon Delivers Active Denial System 2 To USAF." *Space Daily*, 14 Sept. 2007