

Dear Representatives Wilson, Huffman, Wilson, Hottinger, Maharath, Antani, Craig, Hackett, and Kunze,

I am writing you today to request that you vote NO on HB2 and put my written testimony into public record.

If Ohio lawmakers are going to spend \$210 million of taxpayer money, then the bill must include SAFE wired connections to homes and schools (fiber or copper) for the "last mile" infrastructure as a condition to qualify for grant money. Also, a portion of this \$210 million should be used to safely hardwire all of our schools both urban and rural for internet use. Hardwiring through ethernet cables is the fastest, safest, most secure, and most importantly best for our children's health as children's skulls are thinner and less developed than adult skulls and their brains more damaged by wireless radiation. More and more children are being diagnosed with electrohypersensitivity (EHS) from being exposed to WiFi in their classrooms (some sitting right next to or below the classroom router) and homes all day long. Under ADA law you must accommodate these children and the only way to do that is provide hardwired ethernet alternatives in the classrooms. The safest and cheapest solution is to build the infrastructure to the schools with hardwired connections from the start. There is no reason every school in Ohio can't be built or upgraded for hardwired ethernet connections thus creating a faster, safer, and healthier learning environment for generations of students to come.

I am also writing you today as a health and wellness coach and a person suffering with electrohypersensitivity (EHS). I was initially sensitized to EMFs a few years ago when a Smart Meter was placed outside my bedroom wall causing insomnia, tinnitus, anxiety, nerve inflammation, and cognitive issues. Since then I have taken many steps to mitigate my symptoms by reducing my overall exposure to wireless radiation/EMFs primarily through **HARDWIRING** my house for internet service and removing the WiFi router, not using a cell phone except for emergencies, and trying to stay away from public WiFi hotspots. But it has become increasingly difficult to survive in my community of Mariemont because of the high densification of cell phone towers within a 2 mile radius of my house that are out of my control. I currently have 40 cell phone towers within 3 miles of my house and 3 towers that are less than 1/3 a mile away!

We are being blasted 24/7 by these dangerously high and unsafe levels of wireless RF radiation (the FCC has not updated its exposure safety limits since 1996) coming from the densification of the existing 4G towers in the Cincinnati area, and electromagnetic frequencies (EMFs) are now a factor in every single chronic health condition today because they are so pervasive in our environment and cause oxidative stress to every cell of the body. Over 1,000 peer reviewed scientific studies have demonstrated serious adverse biological health effects from our current 4G system including infertility and reproductive damage; neurological effects like anxiety, depression, Alzheimers, Parkinsons and MS; oxidative stress and cellular DNA damage; cardiac effects like heart arrhythmias and sudden cardiac death; immune system damage and dysfunction; and even cancer. In May 2011, the WHO declared EMR (electromagnetic radiation) to be a Class 2B carcinogen.

Now Verizon and others want to increase our exposure to EMFs even more by adding 5G small cells in communities and close to homes and schools. 5G also includes bringing 4G cell antennas into residential neighborhoods that will sweep homes with 24/7 wireless frequencies at close ranging causing 1000x more radiation exposure than the 4G cell phone tower a mile away. The Telecom industry has admitted that 5G pulsed millimeter wave technology has **NEVER BEEN SAFETY TESTED** for biological health effects, but independent scientific studies have cited the potential for eye damage, skin burning, physical pain, heart rate changes, and immune system damage.

Since 2017 doctors and scientists have requested moratoriums on 5G, and firefighter unions have opposed the use of their stations for antennas and cell towers due to health risks. Countries all over the world have taken a stand to stop 5G. Australia, Japan, New Zealand, Switzerland, Brussels, Slovenia, the Netherlands, and Nigeria have all put a halt to the roll out of 5G until proper safety studies have been conducted.

In conclusion, I am requesting that you vote NO on HB2 and also that you propose a legislative bill that would stop the roll out of 5G in Ohio until proper safety testing is conducted, and establish a state commission to study the health and environmental effects of wireless radiation and 5G technology. We must follow the Precautionary Principle. The citizens of the great state of Ohio should not be the guinea pigs in a dangerous experiment of this untested and never before used technology. Most importantly, because EMFs and specifically 5G cause immune system dysfunction, we can not take the risk of expanding this untested technology now when we are living through a pandemic and need our immune systems at their strongest to be able to fight this virus. There are faster, better,

and more secure alternatives. Hardwiring our schools, businesses, and homes is the only safe alternative and the most forward thinking investment we can make in our children's future. The immediate and long term health and well-being of ALL Ohioans depend on you.

For more information on 5G: <http://www.5ginformation.net>, and <http://www.ehtrust.org/factsheet>

Thank you for your time and consideration on this most urgent issue,

Jennifer A. Manzler