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WHEREAS, small cell wireless equipment is designed to boost cellular service from the existing wireless carriers and will enable those carriers to implement 5G technology by placing these installations on existing streetlights and utility poles; and

WHEREAS, concerns have been raised about the health risks of 5G technology including small cell installations. Many studies have linked low-level wireless radio frequency radiation exposures to adverse biological effects including DNA single and double strand breaks, oxidative damage, disruption of cell metabolism, increased blood brain barrier permeability, melatonin reduction disruption to brain glucose metabolism and generation of stress proteins. This list warrants additional scientific studies before residents are put at risk; and

WHEREAS, the health hazards of 5G technology have been intensely debated at the federal level before Congress and the Federal Communications Commission (FCC). There does not appear to be any widely accepted definitive scientific study that proves one way or the other whether small cell installations — emitting extremely high or “millimeter wave” frequencies above 24 GHz — may have an adverse health impact, although in 2011 the World Health Organization classified radio frequency radiation as a possible 2B carcinogen; and

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38 **WHEREAS**, the State of Florida has preempted local governments from regulating
39 the installation of small cells as it relates to their potential health effects or proximity to
40 residential areas; and
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42 **WHEREAS**, the FCC adopted regulations in 2018 that are intended to facilitate the
43 installation of 5G technology “underscore[ing] the FCC’s commitment to ensuring that the
44 United States wins the global race to 5G,” as stated in the FCC Press Release dated
45 September 26, 2018; and
46

47 **WHEREAS**, global communications and technological advancements are important
48 components of the state and federal economy but need not come at the expense of the
49 public’s health. As the world’s leading economy, the United States can and should “win
50 the global race” while protecting its residents from potential long term health effects that
51 will only further harm the economy in the future; and
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53 **WHEREAS**, the FCC’s action allows private cell providers the right to put antennas
54 and transmission control boxes on city-owned streetlight poles and privately-owned utility
55 wood poles subject to only minimal limitations. This means that a 5G antenna could be
56 mounted on the streetlight or utility pole in front of a resident’s home, and there would be
57 little the resident could do about it. Given the health concerns described above, the City
58 believes this should cause great concern for all City residents; and
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60 **WHEREAS**, the Mayor and City Commission hereby find it is in the best interest of
61 the residents to urge the state and federal governments to initiate independent
62 scientifically reliable studies of the health effects of small cell wireless and 5G technology
63 on residential populations and develop guidelines for the installation of this technology that
64 will protect the health and welfare of the public.
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66 **NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND THE CITY**
67 **COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA:**
68

69 **SECTION 1.** Each of the above recitals are hereby incorporated herein.
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SECTION 2. The Mayor and City Commission hereby urge the state and federal governments to initiate independent scientifically reliable studies of the health effects of small cell wireless and 5G technology on residential populations and develop guidelines for the installation of this technology that will protect the health and welfare of the public.

SECTION 3. The City Commission hereby directs the City Clerk to transmit a copy of this Resolution to all appropriate entities.

SECTION 4. This Resolution shall become effective immediately upon its adoption.

APPROVED AND ADOPTED this 3rd day of April, 2019.

JOY D. ADAMS
MAYOR

SPONSORED BY: COMMISSIONER MICHELE LAZAROW

ATTEST:

JENORGEN GUILLEN, CMC
CITY CLERK

APPROVED AS TO LEGAL SUFFICIENCY AND
FORM

JENNIFER MERINO
CITY ATTORNEY

FINAL VOTE ON ADOPTION

Mayor Adams _____
Vice Mayor Javellana _____
Commissioner Butler _____
Commissioner Lazarow _____
Commissioner Lima- Taub _____