RESOLUTION NO. <u>20161103-xxx</u>

WHEREAS, Smart Cities use technology to improve efficiencies and one definition of a Smart City is one that "uses information and communications technology to enhance its livability, workability and sustainability;" and

WHEREAS, there is benefit in **"**the use of smart computing technologies to make the critical infrastructure components and services of a city (such as city administration, education, public health and emergency services, public safety, real estate and planning/development, code enforcement, transportation and utilities) more intelligent, interconnected and efficient"; and

WHEREAS, the Imagine Austin Comprehensive Plan identifies technology as part of Austin's economic base and recognizes the value it provides as it becomes increasingly integrated into all facets of our community's economy, creative endeavors, healthcare, training, education, research and our day to day living; and

WHEREAS, Imagine Austin Building Block E A20 provides an action to "Improve government efficiency through technology (software and hardware) investments and by developing and retaining information technology staff; and

WHEREAS, in September 2015, the Federal government announced a "Smart Cities" Initiative to target over $160 million in federal research resources to help communities tackle local challenges and improve city services such as reducing traffic congestion, fighting crime, and fostering economic growth; and

WHEREAS, in March 2016, the City was selected as one of seven finalists out of 78 applicants to the U.S. Department of Transportation (USDOT) Smart City Challenge resulting in a robust and ambitious set of proposals jointly crafted

by public agencies, research institutions, private companies and others to use technology to help address our mobility challenges; and

WHEREAS, the open collaboration across sectors required by the USDOT Smart City Challenge helped catalyze progress and partnerships in a short amount of time; and

WHEREAS, in April 2016, the City of Austin became the only U.S. city to join the international Open Government Partnership, committing itself to accountability, transparency, civic participation, technology and innovation; and

WHEREAS, Austin is a member of the Global Smart City Coalition, and hosts the Global Smart Cities Summit in 2016 and again in 2017; and

WHEREAS, the City joined the US Ignite Smart Gigabit Communities (SGC) project, to be in the forefront of developing and deploying next-generation internet technologies to better serve and help people in our community who are usually left behind and further create in a way that can be shared with other Gigabit Communities; and

WHEREAS, the National Science Foundation supports the U.S. Ignite initiative with a $6 million grant to advance clean energy, education and workforce technologies, advanced manufacturing, public safety, transportation, and health information technologies; and

WHEREAS, within the Austin community, a health information exchange has been created, that serves as an innovative tool for exchanging health data to improve healthcare outcomes among healthcare entities, including City public health and emergency services; and

WHEREAS, within the Austin community, the Austin CityUP Consortium formed to promote the advantages of smart city approaches by further connecting smart city participants, across multiple domains (transportation, energy, health, safety, environment, and more) and sectors (startup, small companies, national/global companies, non-profits, higher education groups, and governmental organizations) in Austin; and

WHEREAS, the City's open data efforts are evolving beyond merely exposing city datasets into a more comprehensive effort of leveraging cross-departmental, cross-sector, and regional datasets to solve meaningful community problems; and

WHEREAS, the City, community partners, technology companies, start-ups, and Central Texas regional organizations would benefit from a common transparent framework or roadmap for City services to catalyze joint understanding, prioritization, planning, and resources for connecting technological opportunities; and

WHEREAS, the rapidly changing pace of technological advances requires an adaptive and iterative or evolving approach to planning; and

WHEREAS, the City desires to design Smart City initiatives to ensure that benefits accrue to ALL of its diverse community members; and

WHEREAS, considerable progress is already underway in the City to engage Smart Cities initiatives in policy and practice but there is no current inventory of initiatives, priorities established, or organizing structure or ability to fully coordinate and leverage the opportunities being created; and

WHEREAS, establishing the City as a leading Smart City will facilitate our ability to leverage those federal resources to meet local needs and enhance the future of Austin and quality of life for its residents; **NOW, THEREFORE,**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

The City Manager is directed to develop a Smart Cities Strategic Roadmap with relevant City departments and commissions, community partners and stakeholders including the local technology community, to inform City policy decision-making, identify Smart City initiatives to tackle local challenges and improve our city services, and identify potential public and private funding opportunities for these initiatives. The City Smart Cities Strategic Roadmap should include:

- A common, Austin-centered definition of Smart Cities,
- Statement of the vision of Austin's Smart City future,
- Challenges to focus on and prioritize,
- Potential Smart City opportunities to address each challenge,
- Key goals and outcomes that would result from incorporating Smart City initiatives both operationally, and for achieving equitable quality of life outcomes for all Austin residents,
- An inventory of current City and community initiatives, program plans, and efforts that qualify as Smart City initiatives and that will help tackle local challenges and improve City services,
- An inventory of current national/international Smart City best practices for consideration,
- Core needs, gaps, and capabilities required to deliver on a Smart Cities Strategic Roadmap,

- Potential resources and means for partnering and financing Smart Cities efforts, to include public-private partnerships, and federal, state, and local resources, and

- A prioritized list of Smart City proposed projects for the City to pursue.

BE IT FURTHER RESOLVED:

The City Manager is directed to present the recommended Smart Cities Strategic Roadmap to the Council for consideration by May 2017.

ADOPTED:_____, 2016 **ATTEST:** _____

<div align="right">Jannette S. Goodall
City Clerk</div>