

TECHNOLOGY, INFORMATION & COMMUNICATIONS COMMISSION

Regular Meeting

June 5, 2019, 7:00 p.m.

Conference Room C, City Hall

DRAFT MINUTES

CALL MEETING TO ORDER

Chair Mohanty called the meeting to order at 7:11 pm

ROLL CALL

Commissioners Present: Prabir Mohanty, Naidu Bollineni, Rajaram Soundararajan, Arnold de Leon

Commissioners Absent: Ilango Ganga

Staff Present Bill Mitchell, Staff Liaison

Speakers: Ryan Sheppard, Govt Sales West
Pat Watkins, Head of IoT Sales
Kindra Miller, Solution Engineering Director
Christopher Felix, Vice President and General Manager
George I Gbantous, Director Network Operations
Tim Johnson, Director of IoT Sales/ Smart City Programs

The Commission reordered the Agenda to hear New Business Item No. 5 first.

NEW BUSINESS

5. Subject: Receive a 5G Presentation from Sprint Management

Chair Mohanty introduced himself and provided information about the City of Cupertino with regard to Smart Cities and 5G.

The following Sprint representatives introduced themselves: Ryan Sheppard, Govt Sales West, George I Gbantous, Director Network Operations, Kindra Miller, Solution Engineering Director, Christopher Felix, Vice President and General Manager, and Pat Watkins, Head of IoT Sales

Staff Liaison Mr. Mitchell informed the Sprint representatives the City of Cupertino has issued small cell permits to Verizon and AT&T, to push out 4G that will be replaced with 5G. To further clarify the pole and the equipment will not be replaced. He further informed that Transportation is an issue in the Bay area, and would like to bring a regional solution that surrounding cities can tie into, such as Vision Zero. Vision Zero is

a multi-national road traffic safety project that aims to achieve a highway system with no fatalities or serious injuries involving road traffic. Additionally, traffic calming devices can be implemented during traffic peak hours.

During the discussion, Regional Sales Director Ryan Sheppard mentioned the following projects in California that Sprint is currently managing:

- CalNet: State of California new contracting vehicle in place not only state but also local municipalities allowing them to get solutions and services access to tools
- Partner with Cities to provide Homeless Advocacy Support
- Law Enforcement Partnerships: Sprint has partnered with Law Enforcement in California; Sherriff's Offices describe the partnership as a transformative process partnering with customers and serving them
- Asset Management: Fleet management within cities thousands of assets moving with with City to bring solutions fleet management assets moving around
- 1 Million Project: Providing High Schools in California options on how they want to connect by providing products such as hotspots, tablets, etc.

Further in the discussion, George I Ghantous, Director Network Operations Mobile reviewed 5G. He relayed the Company is moving toward 5G to meet the demand of consumers. Sprint anticipates there will be over 20 Billion devices connected in the year 2020. Technically speaking, consumers want quicker load of Applications. Additionally, autonomous vehicles will need a fast-reliable wireless network to operate. In an effort to prepare for 5G, Sprint is strengthening their small cells by updating existing 4G towers adding radio heads, antennas, and replacing equipment as needed.

Pat Watkins, Head of IoT Sales commented on the Sprint Partnership with the City of Kansas City. She informed the Commission Sprint partnered with Kansas City in their rollout to Smart City. Kendra detailed the City of Kansas City first deployment which involved developing their Downtown area by connecting their transit and providing public WiFi. Sprint provided the wireless fiber and supports Wi-Fi in that area, additionally support the connectivity for the transit.

Following discussion, Sprint expressed they are looking for an easy permit process and real estate. The Commission disclosed they will take into consideration Sprint as the City moves forward with 5G and Smart Cities.

The Commission directed the Subcommittee to review Cupertino's needs in relation to Smart Cities and 5G.

APPROVAL OF MINUTES**1. Subject: Approve Minutes from the May 1, 2019 meeting**

Commissioner Soundararajan moved and Commissioner de Leon second to approve the June 5 minutes. The motion passed 4-0-1.

ORAL COMMUNICATIONS

This portion of the meeting is reserved for persons wishing to address the commission on any matter not on the agenda. Speakers are limited to three (3) minutes a person. In most cases, state law will prohibit the commission from making any decisions with respect to a matter not listed on the agenda.

A. No Speakers.**WRITTEN COMMUNICATION****2. Subject: Letter from AT&T dated May 16, 2019**

The Commission received and filed the letter.

OLD BUSINESS**3. Subject: Discuss Commission Work Plan****1. Wireless Master Plan**

Mr. Mitchell communicated a draft copy of the Request for Proposals (RFP) was sent to the Commissioners, and further advise the development of Wireless Masterplan Subcommittee to expedite the review process. Chair Mohanty appointed Commissioners Bollineni and Ganga to be part of the subcommittee and meet with the City's Chief Technology Officer and City Engineer to evaluate the RFP.

2. Smart Cities and 5G

Chair Mohanty reported that he is in contact with Hitachi Vantara to coordinate a presentation at an upcoming Commission meeting. The points of focus are: driverless cars, traffic coordination, and intelligent video monitoring. Chair Mohanty will provide Vantara's available dates to Staff Liaison who will push out a Doodle Poll.

3. City owned Fiber Network

Mr. Mitchell announced the proposed Special June meeting tentatively scheduled for June 19, 2019 will have to be rescheduled due to a City Council Special meeting conflict. Chair Mohanty directed staff to send out an additional doodle poll for late June. Two items are scheduled for the Special meeting: a presentation from Tony with the City of San Leandro, to discuss the challenges San Leandro faced building a City Owned Fiber

network and Cupertino's City Engineer will discuss a Public Private Partnership with Verizon Wireless.

4. Internet Satisfaction Survey

Discussed below.

5. Subject: Subcommittee Report

A. Internet Needs in Cupertino: Staff Liaison Mitchell discussed the survey results attached.

B. Subject: Education: Staff Liaison Mitchell confirmed the Cybersecurity Presentation by Consultant Nayaran Makaram has been confirmed for Tuesday, June 25, from 10 to 11 am. The presentation will be published in the City's media channels.

NEW BUSINESS

6. Receive a presentation from Information Security Professional, Narayan Makaram, titled "Protect Yourself from being Hacked on the Wild Wild Internet: Tope Ten ways to improve your Cyber Hygiene"

The Commission pulled the item from the Agenda.

7. Discuss request for a TICC Technology Policy

The Commission agreed to not move forward with a request to the Council for provided Technology.

The Commission requested to limit the Agenda Packet copies to three for the public.

STAFF AND COMMISSION REPORTS

8. Commissioner Report from the Mayor's Meeting
Chair Mohanty provided a report from the June Mayor's meeting with Commissioners.

9. Commissioner Update
General Comments provided.

10. Review Activities Calendar.
Activities calendar is filled in thru September.

11. Reviewed Action Items list.
Action items were reviewed.

ADJOURNMENT

Commissioner de Leon moved for adjournment at 10:15 pm. Commissioner Bollineni second the motion. The motion passed 4-0-1.

SUBMITTED BY:

APPROVED BY:

Marilyn Monreal, Recording Secretary

Prabir Mohanty, Chair