

**INNOVATION AND TECHNOLOGY COUNCIL COMMITTEE
MEETING MINUTES
TUESDAY, FEBRUARY 27, 2018
1:30 PM
MUNICIPAL PLAZA BUILDING, B ROOM**

Members Present:	Councilmember Manny Peláez, Chair, <i>District 8</i> Councilmember Roberto Treviño, <i>District 1</i> Councilmember Rebecca Viagran, <i>District 3</i> Councilmember Shirley Gonzales, <i>District 5</i> Committee Member Dirk Elmendorf, <i>Citizen</i> Committee Member Will Garrett, <i>Citizen</i> Committee Member DeAnne Cuellar, <i>Citizen</i>
Members Absent:	None
Staff Present:	Peter Zanoni, <i>Deputy City Manager</i> ; María Villagómez, Assistant City Manager; Jose De La Cruz, Chief Innovation Officer; Craig Hopkins, <i>Chief of Technology</i> ; Art Reinhardt, <i>Assistant Director of TCI</i> ; Kate Mason, <i>Innovation Manager</i> ; Edward Guzman, <i>Deputy City Attorney</i> ; Alicia K. Beckham, <i>Office of the City Clerk</i>

- 1. Briefing and update on the City of San Antonio Smart City Program SmartSA including the strategy for FY 2018, focus areas and projects.** [María Villagómez, Assistant City Manager; Jose De La Cruz, Chief Innovation Officer, and Craig Hopkins, Chief Technology Officer]

Jose De La Cruz provided a briefing on the City's Smart City Program (SmartSA) vision and focus. He stated that SmartSA was launched as part of the FY 2017 Budget. He noted that in March 2017, a Smart City Readiness Workshop was conducted and included over 30 leaders in the San Antonio Area. He mentioned that in July 2017, the City Manager convened an internal SmartSA Visioning Workshop with 20 City Executives and in November 2017; the City partnered with local agencies that impacted the City.

Mr. De La Cruz stated the six priority challenges identified at the Visioning Workshop:

1. Mobility
2. Access to services
3. Tools for resident feedback
4. At-risk youth
5. Trade and technical education programs
6. Internet access for all

Craig Hopkins reported the the Smart City vision was to be a connected, inclusive, and resilient community supporting a high quality of life. He noted that the SmartSA strategy focuses on addressing mobility and access to City Services. He mentioned that a collaborative effort across agencies would assist in addressing the mobility and access to City Services. He added that the

City had leveraged existing innovation and technological relationships among the City, CPS Energy (CPS), San Antonio Water System (SAWS), VIA Metropolitan Transit (VIA), and the San Antonio River Authority. Mr. De La Cruz stated that there were other potential partnerships between the City, EPICenter, Alamo Regional Data Alliance Digital Inclusion, Build Sec Foundry, Southwest Research Institute, Trinity University, and University of Texas at San Antonio (UTSA).

Mr. Hopkins stated that Councilmember Treviño's City Council Request (CCR) requested that ITSD begin the process and lead the effort in creating a shared data program with all local area governmental agencies and municipally owned utilities. He noted that the CCR helps with establishing a proposed governance model to create a data sharing and data management plan and to determine what shared infrastructure can be utilized for smart city projects. He added that the proposed governance body would collaborate to develop employer-based transportation demand management and inventory, and exposing current resident services that could be delivered digitally.

In response to Chairperson Peláez, Mr. Hopkins stated that being a Smart City would not only benefit citizens but it could also benefit the person who finds value in using the technology. Chairperson Peláez stated that he would like for the Committee to create innovative ways to meet outside of meeting rooms.

Councilmember Treviño stated that he would like to see this Committee create missions and goals. He noted that he could assist in building a working relationship with the Bexar Appraisal District.

Councilmember Gonzales stated that there was not enough broadband access in the City. She asked staff to keep in mind that the cost of internet access increases and as a result; decreases accessibility for citizens who cannot afford the internet.

Councilmember Viagran cancelled with Councilmember Gonzales that she would like for SmartSA to be inclusive to all citizens. She suggested that staff reach out to local students to identify innovative ideas. Mr. De La Cruz stated that staff worked with students during the CivTechSA Workshop that hosted students 6th–12th grade where they provided creative ideas. Councilmember Viagran stated that she would like for staff to include the San Antonio Youth Commission to be part of the SmartSA process. She noted that there would need to be discussions about funding for infrastructure.

Committee Member Elmendorf stated that this could be an opportunity for the City to provide broadband to all citizens.

No action was required for Item 1.

2. Briefing and possible action on MetroLab Network, the city-university collaborative focused on urban innovation. [María Villagómez, Assistant City Manager; Jose De La Cruz, Chief Innovation Officer]

Jose De La Cruz reported that MetroLab was launched in September 2015 as part of the White House's Smart Cities Initiative. He stated that there were 35 city–university partnerships focusing on bringing data, analytics and innovation to city government. He noted that staff was proposing that a MetroLab Network collaboration for urban innovation between the City of San Antonio and University of Texas at San Antonio be forwarded to City Council for Consideration at an A Session in March 2018.

In response to Councilmember Gonzales, Mr. De La Cruz stated that referendum applies to technical and data projects that the City and UTSA would be interested in collaborating on.

Councilmember Viagran moved to forward the MetroLab Network collaboration for urban innovation between the City of San Antonio and UTSA to City Council for Consideration at an A Session in March 2018. Committee Member Garrett second the motion. The motion carried unanimously.

3. Briefing and possible action on the SmartSA Innovation Zones [María Villagómez, Assistant City Manager; Jose De La Cruz, Chief Innovation Officer and Craig Hopkins, Chief Technology Officer]

Craig Hopkins stated that staff was proposing a SmartSA Innovation Zones Pilot Program that would guide future Smart City projects to build a connected, inclusive and resilient community. He noted that the potential Innovation Zones Areas were Medical Center, Brooks City Base, and Downtown. He added that several criteria were considered for Innovative Zones:

- Fiber-ready
- Access to existing and planned public transportation
- Growing residential district
- Surge in development or redevelopment
- Attractiveness to innovative companies
- Well defined grid

Councilmember Treviño asked staff to work with the Center City Development and Operations Department to help evaluate their public lighting project.

Councilmember Viagran stated that Brooks City Base was a good choice because it was a rising area.

Committee Member Elmendorf suggested that funding be put into the plan.

Committee Member Cuellar asked if Port San Antonio could be an Innovation Zone and if its cyber security measures would prevent it from being an Innovation Zone.

Councilmember Viagran moved to approve staff returning to the Committee with an update on SmartSA Innovation Zones. Committee Member Cuellar second the motion. The motion carried unanimously.

4. A briefing and possible action on the status of the San Antonio Real-Time Traveler Information Portal (SATRIP) Project, Texas Automated Vehicle Proving Ground Partnership, and Autonomous Vehicle Technology. [Peter Zaroni, Deputy City Manager; Mike Frisbie, Director, Transportation and Capital Improvements]

Art Reinhardt reported that the San Antonio Real-Time Traveler Information Portal (SATRIP) Project was a Smart City project that aligns with the priority area of Sustainability, Digital Connected Living, and Transportation. He stated that SATRIP would collect real time data through specific corridors to share with public transit authorities, agencies, residents and visitors. He noted that the purpose of the project would be to increase the number of advanced, emerging transportation technologies deployed in the City of San Antonio. He added that the two Traveler's Choice Corridors that were selected were Blanco Road (between Wilderness Oak and Loop 410) and Military Drive (between Bynum and I-37). He mentioned that there would be traffic monitoring cameras and radar detection installed at 22 intersections along Military Drive.

Mr. Reinhardt stated that the project would increase the number of advanced, emerging transportation technologies deployed in the City with potential benefits including:

- Reduced traffic-related fatalities and injuries
- Reduced traffic congestion and improve travel time reliability
- Reduced transportation-related emissions
- Optimized multimodal system performance
- Incorporate the City's flood detection system in the Advanced Transportation Management System to further enhance the safety of the users of the transportation network during flood events
- Enhance pedestrian detection technology to improve safety for pedestrians in an effort to achieve the City's Vision Zero Program Goal

Mr. Reinhardt reported that the Texas Innovation Alliance (Alliance) included nine major Texas cities and three major research institution and was created in 2016 at the Texas Mobility Summit. He stated that the Alliance formed the Texas Automated Vehicles Proving Ground Partnership. He noted that the vision was to create a platform for innovation that enables the partners to leverage resources, co-create solutions, and share results for improving the delivery of government services to Texas Communities. He added that the Texas Automated Vehicles Proving Ground Partnership members are contributing facilities as a network of proving grounds and test-bed sites. He mentioned that the City had designated the urban test-bed site of Fredericksburg Road. He stated that staff proposed to forward this item to a B Session for full discussion.

Councilmember Treviño moved to forward the Texas Automated Vehicle Proving Ground Partnership and Autonomous Vehicle Technology to a B Session for full discussion. Committee Member Elmendorf second the motion. The motion carried unanimously.

5. Briefing on the CivTechSA program, a partnership between the City of San Antonio and Geekdom. [María Villagómez, Assistant City Manager; Jose De La Cruz, Chief Innovation Officer]

Jose De La Cruz provided a briefing on CivTechSA Program and the partnership between the City of San Antonio's Office of Innovation and Geekdom. He stated that the program's mission was to connect students, entrepreneurs and the tech community with the City to solve community challenges and grow civically-minded tech talent. He noted that the four pillars included: 1) 6-12th grade; 2) University Students; 3) Entrepreneurs; and 4) 16-week Residency.

Committee Member Cuellar asked where the students would be coming from. Mr. De La Cruz responded that there were students from Brackenridge High, Southwest ISD and that staff would be willing involve students from any school district. He stated that every school district in the City had reached out to be part of the Program.

Committee Member Garrett stated that he was supportive of the program and extended any support that he could offer.

No action was required for Item 5.

Adjourn

There being no further discussion, the meeting was adjourned at 3:36 p.m.

Respectfully Submitted,

Manny Peláez , Chairman

*Alicia K. Beckham,
Office of the City Clerk*