



City of San Antonio

Legislation Details (With Text)

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In control: Innovation and Technology Committee

On agenda: 2/27/2018

Title: 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]

Sponsors:

Indexes:

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
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DEPARTMENT: Office of Innovation

DEPARTMENT HEAD: Jose De La Cruz, Chief Innovation Officer and Craig Hopkins, Chief Technology Officer

COUNCIL DISTRICTS IMPACTED: City-wide

SUBJECT:

Briefing and possible action on the proposed SmartSA Innovation Zones Pilot Program in three SA Tomorrow activity centers including, the South Texas Medical Center, Downtown and Brooks.

SUMMARY:

The purpose of this item is to provide the Innovation and Technology Committee with an overview of the Proposed SmartSA Innovation Zones Pilot Program.

BACKGROUND INFORMATION:

In FY 2017, the City of San Antonio launched a Smart City Program, called SmartSA. This vision was established to help guide future smart city projects and strategies and to build a connected, inclusive and resilient community supporting a high quality of life. In FY 2018, the SmartSA strategy focuses on addressing two challenges: mobility and access to City services.

To advance these focus areas, the Innovation Office and Information Technology Department are proposing a

pilot program that identifies “Innovation Zones” to test new and emerging smart city technologies, to understand the data it produces and to leverage that information to analyze and predict problems that can be solved by the City of San Antonio and its partners. Innovation Zones will serve as pilot areas to provide an opportunity for the City of San Antonio to test various smart city technologies in a defined geographic area prior to city-wide implementation.

As part of an overall smart city strategy, several U.S. cities including Dallas and Atlanta have created an “innovation zone” to pilot various smart city technologies before wide scale implementation. These cities have partnered with private sector companies to test smart city technologies within a defined geographic area, including: smart streetlights, smart parking, sensors, wi-fi connectivity and interactive digital kiosks.

In considering an area for an innovation zone several criteria were considered, including: fiber readily available, access to existing and planned public transportation, growing residential district (live/work/play), surge in development or redevelopment (commercial and residential), attractiveness to innovative companies, and well defined “grid” within the innovation zone.

The SmartSA Innovation Zones will support the implementation of the SA Tomorrow regional plans and provide an opportunity to pilot various technologies, leverage existing assets, and create partnerships to improve transportation and access to services for San Antonio residents.

ISSUE:

The Innovation Office and Information Technology Department are proposing a pilot program that identifies “Innovation Zones” to test new and emerging smart city technologies, to understand the data it produces and to leverage that information to analyze and predict problems that can be solved by the City of San Antonio and its partners. Innovation Zones will serve as pilot areas to provide an opportunity for the City of San Antonio to test various smart city technologies in a defined geographic area prior to city-wide implementation. The pilot program would focus on three SA Tomorrow regional centers of the South Texas Medical Center, Downtown and Brooks.

ALTERNATIVES:

This item is for briefing purposes only.

FISCAL IMPACT:

This item is for briefing purposes only.

RECOMMENDATION:

The Innovation Office and Information Technology Department are proposing a pilot program that identifies “Innovation Zones” to test new and emerging smart city technologies. The pilot program would focus on three SA Tomorrow regional centers of the South Texas Medical Center, Downtown and Brooks. Staff recommends that this proposed pilot project be forward to a “B” Session for briefing to the Mayor and City Council.