



City of San Antonio

Agenda Memorandum

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Agenda Item Number: 3.

Agenda Date: 12/8/2020

In Control: Innovation and Technology Committee

DEPARTMENTS: City of San Antonio Public Works Department and Office of Innovation

DEPARTMENT HEADS: Razi Hosseini, COSA Public Works Department; Brian Dillard, COSA Office of Innovation

COUNCIL DISTRICTS IMPACTED: Innovation Zone located Medical Center (District 8)

SUBJECT:

City of San Antonio's Adaptive Signal Control Pilot

SUMMARY:

The purpose of this item is to provide the Innovation and Technology Committee with briefing on current deployment of Adaptive Traffic Signal Controls, as well as inform of plans to deploy to the Medical Center Innovation Zone.

BACKGROUND:

The City of San Antonio currently operates Adaptive Traffic Signal systems on La Cantera Pkwy. between Fiesta Texas and The Rim (District 8). District 8 Councilman Manny Pelaez has requested the Public Works Department to brief on the results of this system, while also exploring how to expand this system to the Medical Center Innovation Zone to solve for identified traffic issues.

The City of San Antonio Office of Innovation's Smart Cities team conducted a survey in late 2018 which identified Traffic Congestion as one of the Top 3 challenges faced by residents within our three Innovation

Zones, and specifically within our Medical Center Innovation Zone. The purpose of the Innovation Zones is to pilot smart city technology in order to solve for challenges faced by residents across our city.

ISSUE:

Briefing on the City of San Antonio's currently deployed Adaptive Traffic Signal system as well as brief on potential expansion to the Medical Center Innovation Zone.

ALTERNATIVES:

This item is for briefing purposes only.

FISCAL IMPACT:

This item is for briefing purposes only.

RECOMMENDATIONS:

This item is for briefing purposes only.