
City Council Regular Meeting

DEPARTMENT: Public Works & Engineering
FROM: Errick Thompson, P.E., CFM®, Director
MEETING: June 17, 2024

SUBJECT:

Receive a report, hold a discussion and provide staff direction regarding implementation of the Intelligent Transportation System (ITS) Strategic Plan. (*Staff Presenter: Errick Thompson, Director of Public Works & Engineering*)

SUMMARY:

In December 2019, the City Council adopted the Intelligent Transportation System Strategic Plan. The plan recommended a three-phased implementation over a five to 10-year period.

Phase I includes six high priority items: establishing a communications system connecting intersections, a cellular-based school zone system, deploying Advanced Traffic Management System software, building out the Traffic Management Center, deploying CCTV cameras, and a preemption detection system.

Phase II includes medium priority items designed to convert SH 174 (Wilshire Blvd) to a smart corridor by deploying additional ITS components and software modules.

Phase III represents low priority components to further expand the system including deploying dynamic message signs and associated software, additional CCTV cameras, road weather sensors, and weather stations.

The project was previously bid and only one bid was received and subsequently rejected by Council in September 2023. That bid exceeded \$4.9m compared to the budget of \$2.63m. The FY23-24 budget allocated an additional \$1.5m to the project. Late 2023, staff revised the project approach and worked with the design consultant to refine the scope and work directly with authorized software and hardware distributors via cooperative purchasing agreements to re-procure the project.

Currently the construction budget is \$3.46m. The estimated cost of the project is approximately \$3.3m based on cooperative pricing including \$370k in components procured through the

Burleson IT Department taking advantage of favorable pricing on network, firewall, and workstation components.

RECOMMENDATION:

N/A

PRIOR ACTION/INPUT (Council, Boards, Citizens):

REFERENCE:

CSO #1205-12-2019 – City Council adopted the Intelligent Transportation Strategic Plan December 9, 2019

CSO # – City Council rejected single bid received on ITB 2023-013 ITS Construction (Item 9.B) September 5, 2023

FISCAL IMPACT:

N/A

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