

To: Board of Directors

Date: 03/11/2022

From: Chan Saechao, Director of IT

Reviewed by: *Ref*

SUBJECT: Transit Signal Priority (TSP) Pilot

Background:

County Connection, in partnership with Metropolitan Transportation Commission (MTC), the cities of Concord and Walnut Creek, as well as the Contra Costa Transportation Authority (CCTA) developed a Request for Proposals (RFP) and interviewed qualified firms for the deployment of a centralized conditional Transit Signal Priority (TSP) system on certain County Connection buses along corridors within the cities of Walnut Creek and Concord, with hopes of eventually expanding countywide in the future.

Pilot Goals:

Routes 4 and 5 in Walnut Creek and 15 and 20 in Concord were selected for the proposed TSP pilot. The project stakeholders, County Connection, CCTA and the cities of Concord and Walnut Creek, plan to improve transit performance and reliability by applying advanced technologies to provide priority treatment to transit vehicles as they approach signalized intersections in the cities of Concord and Walnut Creek. The provision of priority treatment will be informed by the status, such as schedule and passenger load, of the transit vehicle. If the transit vehicle is behind schedule and has a high passenger load, priority treatment will be provided. On the other hand, if the transit vehicle is running on-schedule or early then priority treatment will not be provided.

Selected Firm and Next Steps:

A total of six proposals were submitted for this pilot project. The selected panel elected to interview four firms and unanimously agreed to award the contract to Global Traffic Technologies (GTT). The project team is expected to finalize the project scope and schedule in the coming weeks and County Connection staff is anticipating installing the TSP equipment on 20 fixed route vehicles.

Financial Implications:

The project is being funded by MTC through the IDEA grant with a budget totaling \$1,320,792. County Connection will provide in-kind IT and planning services on an ongoing basis.

Recommendation:

None, for information only.

Action Requested:

None, for information only.

Attachments:

None.