

To: O&S Committee

Date: March 23, 2016

From: J. Scott Mitchell
Director of Maintenance

Reviewed by:

SUBJECT: Electric Bus Project

BACKGROUND:

In 2012 County Connection received a Clean Air Grant for the purchase of four (4) Electric Trolleys and charging infrastructure for the Route 4 in the City of Walnut Creek.

The Board of Directors, at its March 2015 Board meeting, authorized the General Manager to authorize the purchase of four (4) electric buses to be manufactured by Gillig LLC incorporating the electric drive system designed and built by BAE.

The Board of Directors, at the same meeting, authorized the General Manager to proceed with the Wireless Advanced Vehicle Electrification (WAVE) inductive charging infrastructure to be installed at the Walnut Creek BART station and the plug-in chargers to be installed at the Concord facility.

SUMMARY OF ISSUES:

The bus delivery schedule is as follows:

- First bus will be delivered to County Connection the first week of July 2016.
- Second bus will be delivered to County Connection the first week of September 2016.
- Third bus will be delivered to County Connection the fourth week of September 2016.
- Fourth bus will be delivered to County Connection the third week of October 2016.

Charging Infrastructure:

The charging system engineering and design work is almost complete. We are waiting on BART's final approval of the final construction plans. The proposed construction timeline is as follows:

- 3/14/16 to 3/21/16: Final Plans and Specifications
- 3/22/16 to 3/29/16: BART Permit Received
- 3/30/16 to 5/19/16: Bid Project
- 4/11/16 to 4/15/16: Release Bid Package
- 4/16/16 to 4/28/16: Contractor(s) Prepare Bid(s)
- 4/29/16 to 5/9/16: County Connection Selects Contractor
- 5/19/16: County Connection Board of Directors Approval of Selected Contractor
- 5/23/16 to 8/26/16: Construction
- 6/6/16 to 7/8/16: Staging Approved by BART
- 7/11/16 to 8/5/16: Construct Project
- 8/5/16 to 8/22/16: Equipment Installation and PG&E Connection
- 10/3/16: Put First Bus Into Service

FINANCIAL IMPLICATIONS: Project currently within proposed budget; \$5,400,000 budget.

ACTION REQUESTED: No action requested; informational only.