

BYD K9MD (201077) J Line Charging Infrastructure



Metro

Operations, Safety, and Customer Experience Committee
January 18, 2024

Background

January 2021:

- Full BEB service on the G Line commenced and was supported by en-route chargers at the North Hollywood, Canoga, and Chatsworth Stations.
- Planning and design efforts to electrify the J Line follow a similar model of division and en-route charging. The J Line operates out of D9 (El Monte) and D18 (Carson). It also serves terminals at EMTC and HGTC.

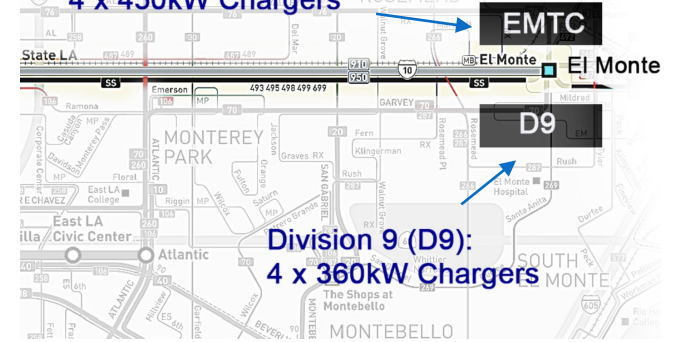
February 2024:

- The delivery to Metro of ninety-five (95) BYD BEBs is scheduled to begin in February 2024, approximately two (2) years ahead of the completion of permanent charging infrastructure at D9 and D18.

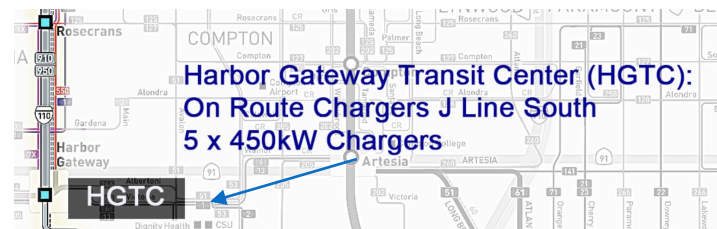
J Line Charging Infrastructure Overview



**El Monte Transit Center (EMTC):
On Route Chargers J Line North
4 x 450kW Chargers**



**Division 9 (D9):
4 x 360kW Chargers**



**Harbor Gateway Transit Center (HGTC):
On Route Chargers J Line South
5 x 450kW Chargers**



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Benefits of Requested Change

- The J Line will benefit from this change by allowing J Line electric buses to run close to 90% of the J Line blocks until the J Line charging infrastructure is finalized.
- These chargers will also allow servicing of local routes originating from D9.

Recommendation

EXECUTE Contract Modification No. 17 to BYD Coach & Bus, LLC, to perform the procurement and installation of Four (4) 360kW depot chargers at Division 9 (D9) and the installation of four (4) 450kW opportunity chargers at the El Monte Transit Center (EMTC) at a firm fixed price of \$6,470,605.