

# K-LINE'S NEW TRACTION POWER SUBSTATION (TPSS)



**Metro**

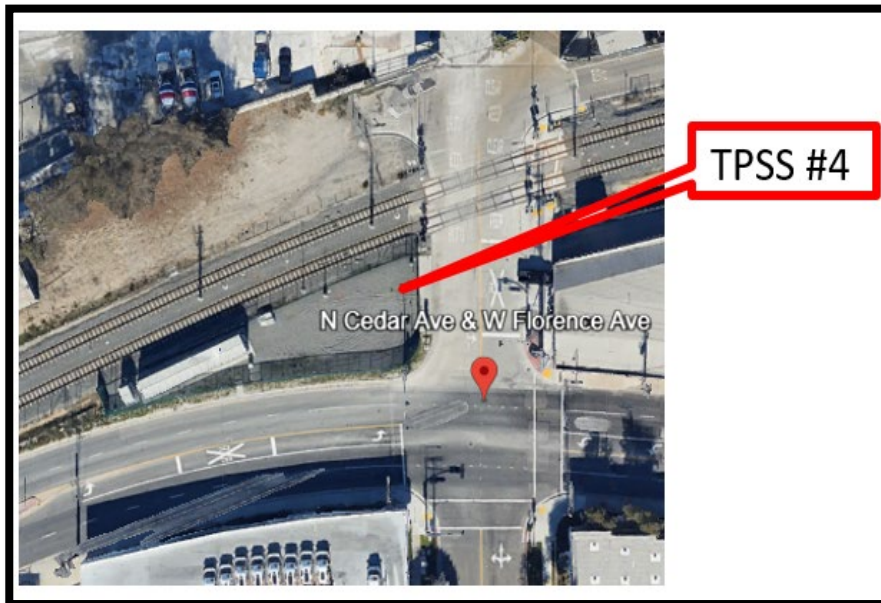
Note: The image above represents a typical TPSS structure.  
The actual appearance of the installed TPSS may vary.

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## RECOMMENDATION

- A. ESTABLISHING a Life-of-Project (LOP) budget for the K-Line's two (2) new Traction Power Substations (TPSS) support project (Project) in the amount of \$38,450,000; and
- B. AUTHORIZING the Chief Executive Officer to negotiate and execute project-related agreements, including contract and task order modifications, up to the authorized LOP.



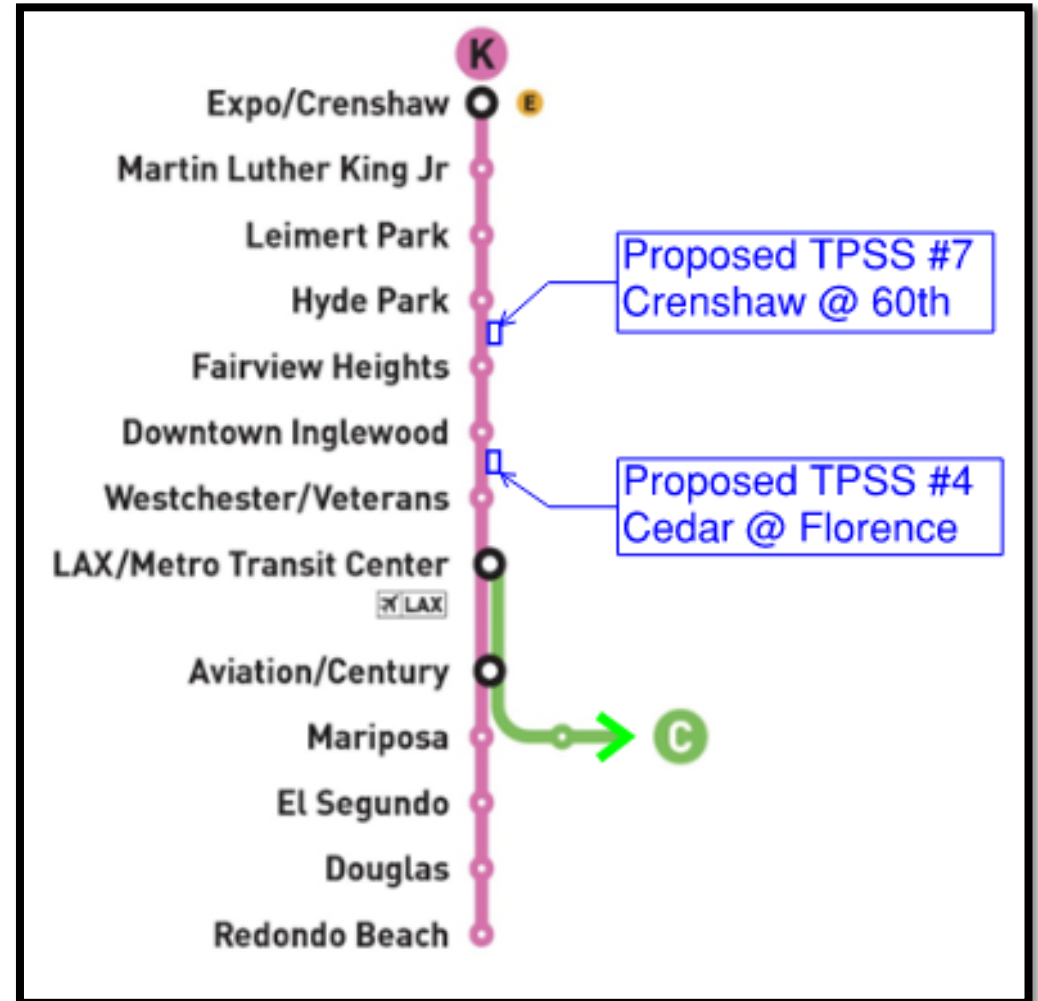
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## BACKGROUND

Revenue service of the K-Line started in October 2022, which provided a connection between the Aviation Station on the C-Line, the upcoming LAX people-mover, downtown Inglewood, Crenshaw Boulevard, and the MLK Station on the E-Line.

At present, the K Line operates with 2-car trains at 7-minute headways, powered by eight (8) TPSS units. This Project is to install an additional two (2) TPSS units to provide adequate traction power, enabling operations of up to **3-car trains at 5-minute headways**.



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## NEXT STEPS

Following Board approval of the recommendation, staff will finalize the procurement process for the design-build team and award the construction contract.