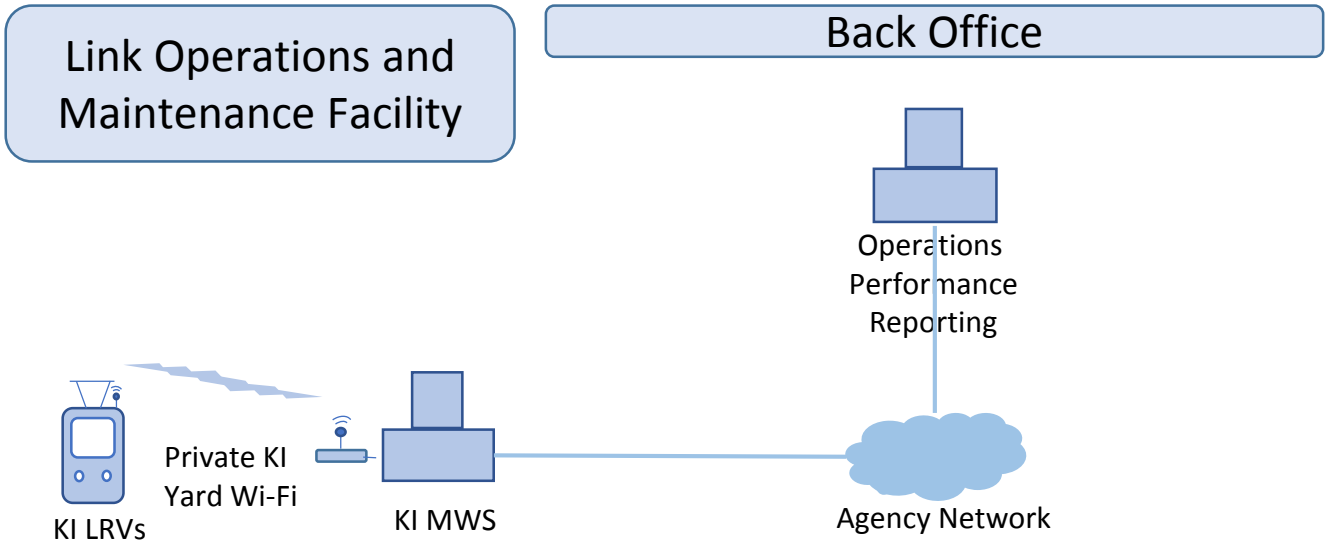
LRV Wireless Communication Upgrade Project

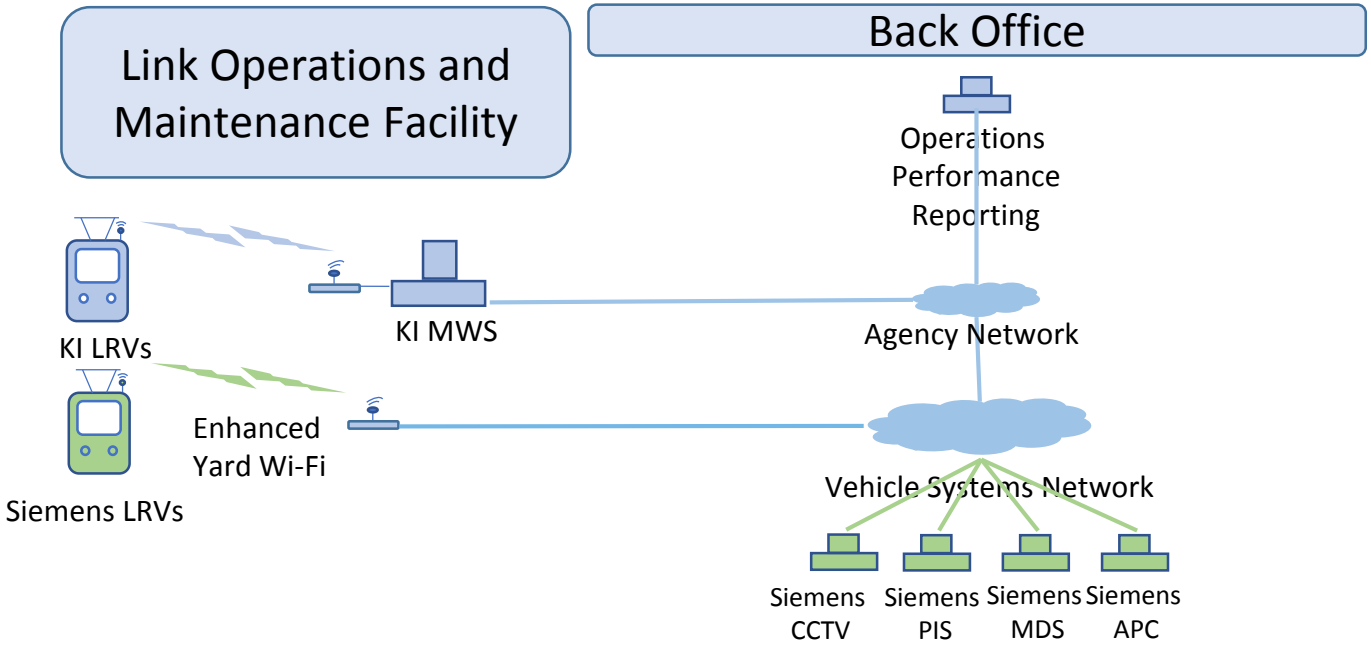
Capital Committee, Sept. 13, 2018

Current State (Kinkisharyo Wi-Fi and Maintenance Workstation)



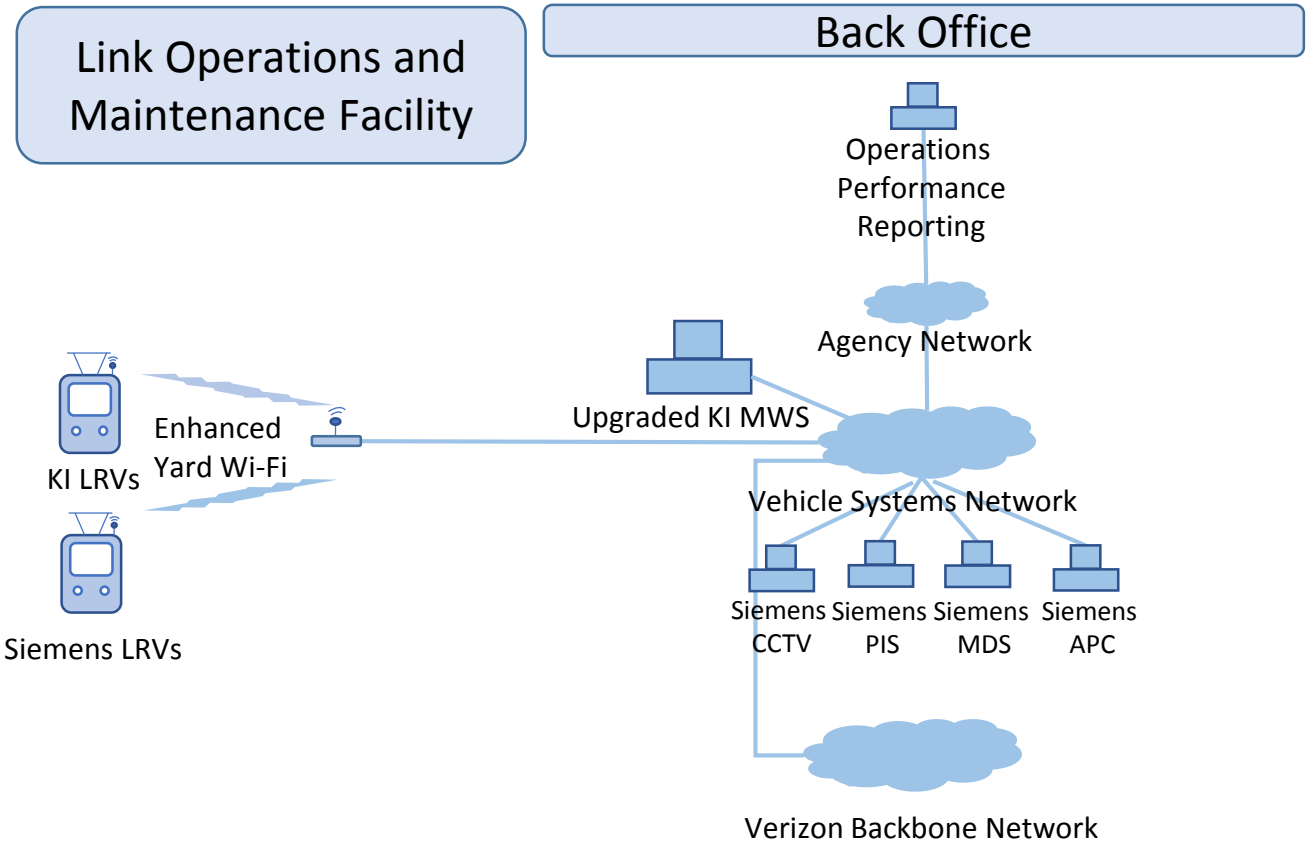
- Current Kinkisharyo private yard Wi-Fi transmits vehicle data and passenger counts to Kinkisharyo Maintenance Workstation.
- Workstation transmits data to Agency for maintenance monitoring and performance reporting.

Milestone: Onboard LRVs



- Run Kinkisharyo and Siemens systems parallel while configuring Siemens LRVs to connect to Enhanced Yard Wi-Fi.

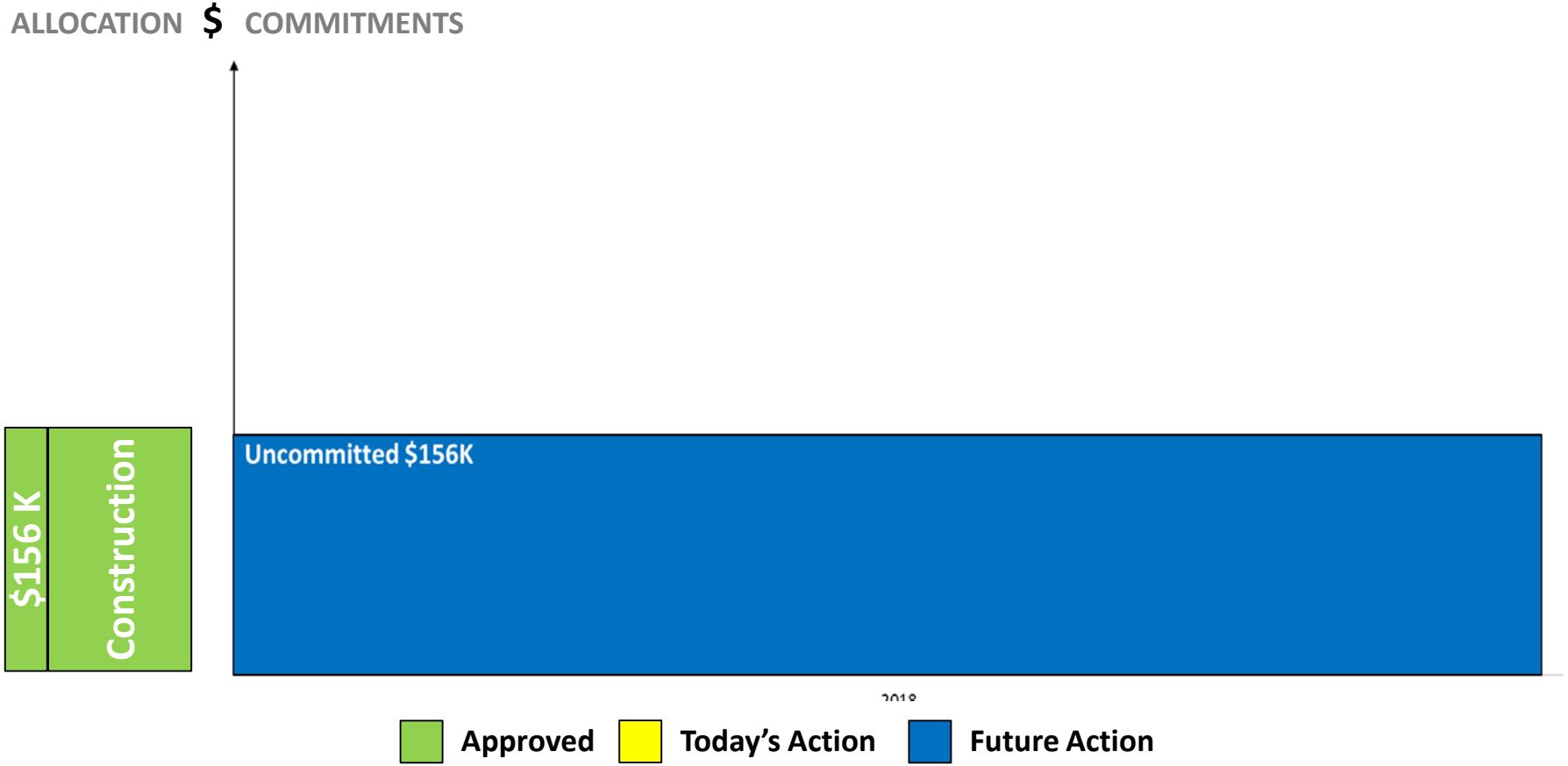
Target State



- Kinkisharyo and Siemens LRVs are on same Wi-Fi and Vehicle Systems Network.

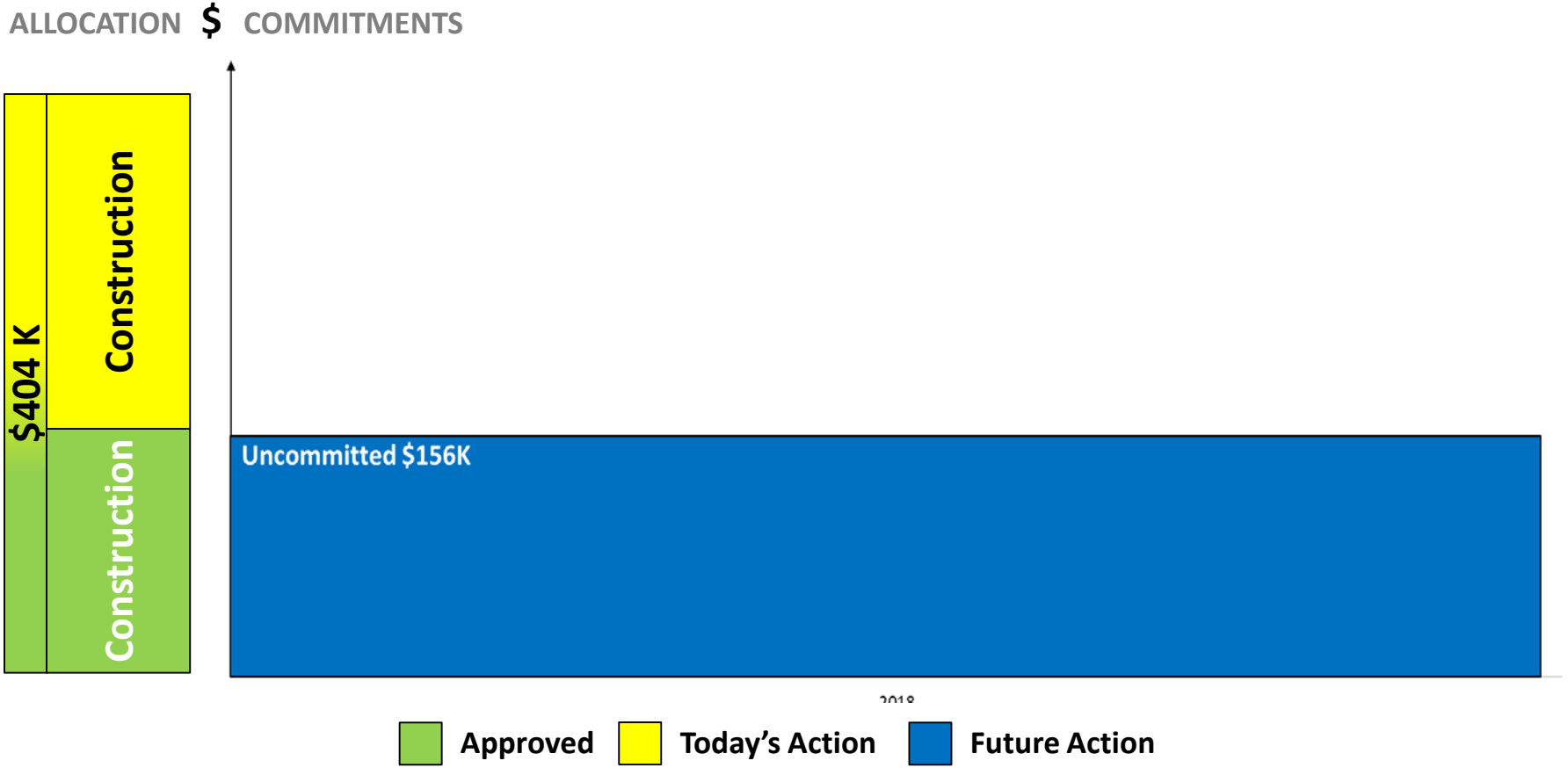
Illustrative - Not to Scale

LRV Wireless Communication Upgrade: Authorized Project Allocation $156K



Illustrative - Not to Scale

LRV Wireless Communication Upgrade: Increase Authorized Project Allocation $248K



SOUNDTRANSIT
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