



# Contract to Purchase Electronic Bicycle Lockers

Bicycle Advisory Committee
May 21, 2020

## Caltrain and Bikes

- Approximately 65,000 daily trips
- About 10,000 weekday customers travel to and from a station by bike
- About 10% of customers take a bike on board
- On board bike space limits number of customers Caltrain can carry





# Bike Parking Options Today

- Valet bike parking at 4<sup>th</sup> and King
- Caltrain managed lockers at most stations
  - Individually assigned bike lockers are fully rented but not well used
  - Bike Parking Management Plan recommended upgrading from these and shifting management responsibilities to 3<sup>rd</sup> party
- Unstaffed bike rooms at 3 stations
  - Palo Alto, Menlo Park, Mountain View
- Bike racks at most stations
- Electronic lockers at 9 stations



## **Future Caltrain Plans**

- Implement Board approved Bike Parking Management Plan
  - Riders' top bike parking choice: on-demand electronic bike lockers (e-lockers)
  - Focus on major e-locker additions first
- Electrification in 2022
  - On board bike spaces capped at 72 per trainset
  - \$3M Board commitment to improve station facilities
- Business Plan vision to triple ridership by 2040
  - Need for first/last mile connections



#### E-Lockers

- Available on-demand all day
- \$0.05 charge per hour
- Already installed at 9
   Caltrain Stations
- Well used by Caltrain customers where available
- Well regarded by BART and other transit agencies





## **Contract Details**

- Purchase 600 e-lockers over 3 years
- Options to purchase up to 400 more e-lockers
- Customer service, operations and maintenance of e-lockers provided by vendor





# Single Source – eLock Technologies

- Consistency: Similar lockers available at 9 Caltrain stations, BART stations, and various locations throughout the Bay Area
- Ease of Use: Simple interface, Clipper & BikeLink compatibility, cash payment option, customer service provided
- Security: Higher levels of security than keyed lockers and those produced by other companies.



# **Funding**

- Capital purchase funded by grants
  - Transit and Intercity Rail Capital Program
  - Transportation Fund for Clean Air
  - More opportunities being explored
- Operations and Maintenance (O&M)
  - Keyed lockers to be removed
  - Current O&M money would be used for e-locker O&M
  - Lower cost per space than keyed lockers



## Schedule

- Finding funding for 400 optional lockers in progress
- Begin placing lockers in late 2020
- Complete placement of first 600 e-lockers by late 2023
- Prioritization in progress
  - Follow funding requirements
  - Track demand
  - Coordinate with other projects

