



Contract to Purchase Electronic Bicycle Lockers

August 24, 2020

Caltrain and Bikes

- Approximately 65,000 daily trips pre-pandemic
- 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 4th and King
- Caltrain managed lockers at most stations
 - Over 850 system wide
 - Individually assigned bike lockers are fully rented but not well used
 - Bike Parking Management Plan recommended upgrading from these and shifting management responsibilities to 3rd 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 sustained improvement and expansion of first/last mile connections

E-Lockers

- Available on-demand all day
- Already installed at 9 Caltrain Stations (but owned & operated by separate party)
- Typical rates of \$0.05 per hour
- Well used by Caltrain customers where available
- Well regarded by BART and other transit agencies
- Wi-Fi for Clipper compatibility & use data



Contract Details

- Purchase 632 e-locker spaces minimum
- Ability to purchase up to 718 more spaces if needed
- 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 and developer funds
 - Transit and Intercity Rail Capital Program
 - Transportation Fund for Clean Air from the Bay Area Air Quality Management District
 - Developer contributions
- Operations and Maintenance (O&M)
 - Keyed lockers to be incrementally removed and replaced
 - Current O&M money would be used for e-locker O&M
 - Lower cost per space than keyed lockers
 - 60% initial discount on O&M negotiated due to COVID impacts

Schedule

- Prioritization in progress
 - Follow funding requirements
 - Coordinate with other capital projects
 - Track demand
- Complete placement of first 632 e-lockers by late 2023
- Monitor use and make plans for more lockers as needed