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