

# Prop K Half-Cent Transportation Sales Tax

Seven Requests



**San Francisco  
County Transportation  
Authority**

Board Agenda Item #7

February 11, 2020

# Islais Creek Bridge Catenary Reconstruction (SFMTA) Construction



**Prop K request: \$1 million**  
**Total Cost: \$5.6 million**

**Upgrade overhead contact system supplying electrical power to the T-Third light rail line as it crosses the Islais Creek drawbridge**

- Part of Public Works bridge rehab project
- Replace existing overhead contact wires with rigid overhead contact rail
- Install cables, controllers, sensors to allow automated control from control tower
- Integrate, upgrade traction power system, signal system and uninterruptible power supply
- Increase reliability, reduce maintenance costs
- Deliverable: Before construction starts, SFMTA will provide detailed work plan and budget for alternative bus service during 2 - 3 month



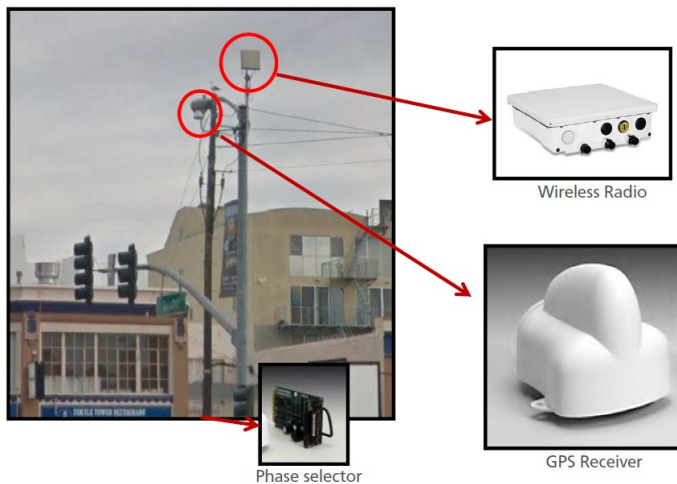
# Transit Signal Priority (SFMTA) Construction

## Prop K request: \$2.3 million

Contribution to ongoing \$35 million program to equip all signalized intersections along Muni transit routes with Transit Signal Priority

- Repair/replace aging equipment, update signal timing
- Improve vehicle management, travel time reliability, communication among traffic signals
- 40 to 200 potential locations
- Before/after study of effectiveness
- Equipment operational by June 2023

### TSP Equipment at the Intersection



# Traffic Sign Upgrades FY20 (SFMTA)

## Construction

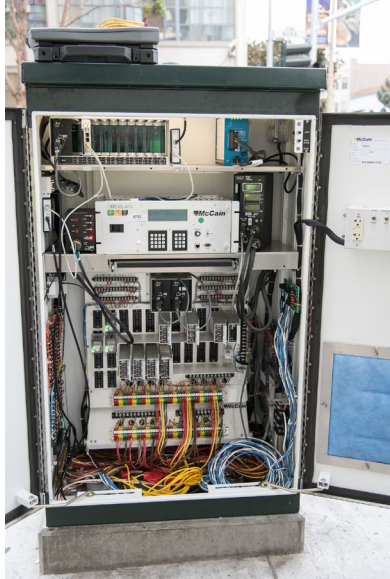


## Prop K request: \$220,000

Annual program to replace traffic signs that have reached the end of their useful lives

- Includes replacement of three types of signs
  - Fluorescent yellow-green Pedestrian Crossing Ahead
  - Fluorescent yellow-green School Ahead Crossing
  - Advanced Street Name signs (green on white)
- Replace ~757 signs at 521 intersections
- Focus on signs in poor condition, installed before 2005

# Traffic Signal Hardware FY20 (SFMTA) Construction



## Prop K request: \$330,000

Annual program to replace traffic signal hardware to help maintain assets in a state of good repair

- Replace Accessible Pedestrian Signals at 8 locations
- Install Traffic Signal Controller Cabinets at 8 intersections along Oak Street and Fell Street
- Locations identified through SFMTA Signal Shop inventory database, focus on older hardware at end of useful life
- Open for use by December 2020

# Traffic Signal Visibility Upgrades FY20 (SFMTA) Construction



**Prop K request: \$330,000**

**Annual program to install larger signal heads using existing signal poles to improve safety**

- Upgrade signalized intersections from 8-inch signal heads to 12-inch signal heads at ~15 prioritized locations
- Locations on multi-lane, 30 mph or higher arterials, with history of right-angle collisions correctable by signal visibility improvements
- Open for use by December 2020

# Traffic Signal Upgrade Contract 36 (SFMTA)

## Design



## Prop K request: \$600,000

### Preparing for major signal upgrades at priority locations

- Traffic-signal related upgrades at 19 locations
  - New pedestrian signals
  - Accessible pedestrian signals
  - Higher visibility traffic signals
  - New curb ramps
  - Replacement of old signal infrastructure
- Design complete by June 2021, open for use by June 2023

# Schools Engineering Program FY20 (SFMTA)

## Planning, Design, and Construction



## Prop K request: \$1,000,000

### Annual program for engineering improvements as part of San Francisco's Safe Routes to School Program



- New and upgraded signage, pavement/curb markings at up to 35 schools citywide
- Traffic calming measures on up to 15 residential streets where school loading zones are present
- School walk audits to identify safety improvements at up to 5 schools
- Speed humps, raised crosswalks, signal modifications, and paint and sign upgrades
- Open for use by 2021



# Thank you.

[sfcta.org](https://sfcta.org)



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