San Francisco New Public Trash Cans
Civic Design Review - Phase 3

July 17, 2023
Agenda

• "Slim Silhouette" design and the trash can criteria
• Maintenance and cleaning programs for City trash cans
• Next steps: Request for Proposals and the manufacturing process
Trash Can Design Criteria

Design and performance criteria for new trash can:

- Construction is tamper-proof
- Durable and easy to maintain
- Rummage-resistant
- Easy to service
- Accommodate 32-gallon rolling toter
- Accommodate recycling exchange
- Aesthetically pleasing; asset to the City streetscape
- Sensor-ready
- Cost efficient: under $3,000/each
New Trash Can v. Old Trash Can

Existing "Renaissance" Can does not conform to these standards:

• Construction is tamper-proof
  - Locks and hinges have not performed well
• Rummage-resistant
  - Design and size of openings have made it easy to rummage
• Durable and easy to maintain
  - Materials have degraded

These deficiencies translate to higher maintenance costs.

Improvements with new design:

• Easy to service
• Accommodate a 32-gallon rolling toter
• Sensor-ready
Slim Silhouette Design

“Innovative design; sleek design; distinctive; unobtrusive.”
- From feedback during 2022 Trash Can Pilot Program

- Clear favorite of community members, Recology and Public works staff
- Stainless steel construction
- Slim side profile allows more space on sidewalks
- Single-sided access
- Chute-shaped opening
Maintenance and Cleaning

- Response to 311 complaints
- Litter pickup and graffiti abatement
- Steam cleaning through workforce development grant program with Community Youth Center of San Francisco
- Recology "daily plus" servicing of City trash cans
- New staff position to coordinate City trash cans included in FY23-24 budget
311 Responsiveness

- Receive requests through 311 and staff field reports via our Radio Room
- Customers contact 311 by phone, mobile app, social media or online to report issues
- Action plan developed for projects that require more time to address
Litter Pickup and Graffiti Abatement

- Bureau of Street Environmental Services goal: Achieve 48-hour response time goal more than 90% of the time
- Exceeds American Public Works Association's 72-hour goal
Power Washing

Work by Community Youth Center
Trash Pickup: Recology

- Recology empties cans daily and more frequently in areas that are heavily trafficked
- Sensors will allow Recology to pick up prior to overflowing and also adjust their pickup routes
- Rolling toters will make it easier for Recology to service cans
- Recology is responsible to clean 10’ around each can
Next Steps

- CatEx received
- Approved Administrative Certificate of Appropriated for Article 10 Landmark Districts
- Approved Minor Permit to Alter for Article 11 Conservation Districts
- Secure funding for trash can procurement
- Civic Design Review Phase 3
- Issue Request for Proposal (RFP) document to solicit trash can manufacturing and procurement
Next Steps: Working with Manufacturer

• Design the RFP:
  o Work with pilot can fabricator to develop criteria and minimum qualifications that will ensure best manufacturer
  o Use best practices from NYC's Better Bin project
• Work with the manufacturer:
  o Pilot can fabricator will assist in design engineering and value engineering as we work with manufacturer — ensuring durability and budget
  o Manufacturer will address modest design modifications that include development of high-quality lock and hinge systems, reexamination of size of openings, redesign of recycling symbol
Thank you!