Lake Merced Improvement Project

COMMUNITY MEETING #4
April 1, 2019

Project Team

Brett Desmarais, RPD Project Manager
Cara Ruppert, RPD Capital Oversight Manager
Robert Muhammad, RPD Park Service Manager
Lisa Wayne, RPD Natural Resources Manager
LaMonte Bishop, RPD Public Affairs Manager
William Bulkley, DPW Landscape Architect
AGENDA

• Welcome, Introductions & Objectives

• PART 1: Funding & Schedule

• PART 2: Community Meeting #3 Feedback

• PART 3: Concept Design

• PART 4: Q&A
MEETING OBJECTIVES

• Provide follow-up information from previous public meeting

• Present the final concept design

• Listen to community feedback & answer questions
PART 1

FUNDING & SCHEDULE
FUNDING

FUNDING SOURCES

<table>
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<tr>
<th>Source</th>
<th>Amount</th>
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<tr>
<td>2012 Clean &amp; Safe Neighborhood Parks Bond</td>
<td>$2M</td>
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<td>California Natural Resources Agency Grant</td>
<td>$1M</td>
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<td>2012 Forestry Bond</td>
<td>$900k</td>
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TOTAL PROJECT FUNDING $3.9M

PROJECT BUDGET

Estimated Construction Costs: $2.76M (70.76%)
Includes:
• Construction contract
• 10% bid & contract contingencies

Estimated Soft Costs: $1.14M (29.23%)
Includes:
• Permits, surveys, reports
• Testing and regulatory agency fees
• Project management
• Architectural and engineering design services
• Construction management
• Project reserve
# Schedule

## Community Meetings & Hearings

**Meeting #1:** Introduction & Public Input (held November 3, 2016)

**Meeting #2:** Draft Plan & Public Input (held January 12, 2017)

**Meeting #3:** Presentation of Concept Plan & Public Input (September 13, 2018)

**Meeting #4:** Final Concept Plan (Today, April 1, 2019)

*Capital Committee: May 7, 2019  
Recreation & Park Commission: May 16, 2019*

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- 2018: **Planning & Concept Development (15 Months)**
- 2019: **Regulatory Review (4 Months)**, **Design (8 Months)**
- 2020: **Permitting (3 Months)**, **Bid & Award (5 Months)**, **Construction (10 Months)**
- 2021: **Construction (10 Months)**, **Open to Public**
PART 2

COMMUNITY MEETING #3 FEEDBACK
COMMUNITY MEETING #3 FEEDBACK

• Address shrub overgrowth along trail and declining trees
• Repair perimeter trail surface
• Balance improvements on north and south sides of Lake Merced
• Provide new signage: “Don’t feed birds/wildlife” and bicycle safety (maximum speed limit)
• Provide drinking fountain (including pets) and dog waste bag holders
• Dedication plaques
• Breakdown of project hard and soft costs
• Boathouse / Rod and Gun Club site / Dock Replacement Project
PART 3

CONCEPT DESIGN
OVERVIEW OF IMPROVEMENTS

Improvements around the entire lake include:
• Pedestrian and bicycle signage and stencils
• Tree maintenance (pruning, removal, replanting)

Improvements around the North and East Lake:
• Trail surface repair
• New and replaced retaining walls
• Replacement and addition of furnishings and parcourse equipment
• New restroom to replace port-a-potty
• New drinking fountain

Improvements around the South Lake:
• New Fitness Court installation near parking lot & causeway
1. PERIMETER PATH IMPROVEMENTS

SURFACE REPAIR – SOFT SHOULDER

- Remove and replace soft shoulder using durable material
- Add or restore pathway edge to prevent vegetation intrusion
1. PERIMETER PATH IMPROVEMENTS

SURFACE REPAIR – ASPHALT AND CONCRETE

• Meet accessibility code requirements along the perimeter trail

• Remove and replace areas of degraded asphalt
  • Scope could include removal of full pathway width in some areas

• Curb and curb ramp replacement
1. PERIMETER PATH IMPROVEMENTS

BICYCLE SAFETY & SIGNAGE

- Input received from SF Bicycle Coalition
- 10mph suggested speed limit signs
- Shared Path stencils (SFMTA standard as seen on Embarcadero)
- New destination signs currently being installed by SFMTA
2. NATURAL RESOURCE IMPROVEMENTS

PLANTING & STEWARDSHIP

• Remove 120 hazardous and declining trees around 5.5 mile perimeter
• Structural pruning of approximately 50 trees around 5.5 mile perimeter
• Prune back shrubs encroaching trail, especially on east side
• Tree replacement at a 2:1 ratio using site-appropriate species
2. NATURAL RESOURCE IMPROVEMENTS

- REMOVE & REPLACE
- PRUNE
- EXISTING CANOPY TO REMAIN
2. NATURAL RESOURCE IMPROVEMENTS
2. NATURAL RESOURCE IMPROVEMENTS

**TREES**
- *Quercus agrifolia*
  - Coast Live Oak
  - Rounded evergreen
- *Cupressus macrocarpa*
  - Monterey Cypress
  - Irregular evergreen
- *Lyonothamnus floribundus*
  - Catalina Ironwood
  - Upright evergreen
- *Quercus tomentella*
  - Island Oak
  - Upright evergreen
- *Sambucus nigra*
  - Black Elder
  - Rounded deciduous
- *Dudleya caespitosa*
  - Coast Dudleya
  - Red Yellow

**SHRUBS**
- *Artemisia californica*
  - California Sagebrush
- *Baccharis pilularis*
  - Coyote Bush
- *Eriodictyon californicum*
  - California Verbena Santa
- *Mimulus aurantiacus*
  - Bush Monkey Flower
- *Rhamnus californica*
  - Coffeeberry
- *Rubus parviflorus*
  - Western Thimbleberry

**PERENNIALS**
- *Acmispon glaber*
  - Deerweed
- *Ceanothus thyrsiflorus var. thyrsiflorus*
  - Creeping Blueblossom
- *Leptosyne gigantea*
  - Giant Coreopsis
- *Erigeron glaucus*
  - Seaside Fleabane
- *Eriogonum latifolium*
  - Coast Eriogonum
- *Eriophyllum staechadifolium*
  - Seaside Woolly Sunflower

Capital & Planning
2. NATURAL RESOURCE IMPROVEMENTS

EROSION CONTROL

- Replace and provide new engineered retaining walls
- Stop erosion
- Provide hillside and trail edge stabilization
- Discourage intrusion into Natural Areas landscapes
2. NATURAL RESOURCE IMPROVEMENTS

WILDLIFE CONTROL

• Provide habitat protection signage:

  "PLEASE DO NOT FEED ANIMALS"

  "PLEASE DO NOT RELEASE ANIMALS"
3. PUBLIC AMENITIES

EXERCISE EQUIPMENT

• Replace degraded parcour equipment
• Install durable surface beneath parcour equipment
• Create accessible stopping points on trail
3. PUBLIC AMENITIES

EXERCISE EQUIPMENT

- National Fitness Campaign Fitness Court
- To be installed near John Muir Drive parking lot
- Existing installations at Marina Green and Mission Bay
3. PUBLIC AMENITIES

SITE FURNISHINGS

- Replace benches with a uniform type
- Relocate dedication plaques onto new benches & install new plaques
- Provide new bike racks, waste receptacle, and bottle filler with dog bowl adjacent to new JD Decaux restroom
- Dog waste bag dispensers at new restroom and John Muir Drive parking lot
3. PUBLIC AMENITIES

NEW PUBLIC RESTROOM

- Provide a new public restroom facility to replace the Sunset Circle porta-potty
- JCDecaux Public Restroom Program
- Project will provide electrical, water, and sewer service to the restroom
- Meets accessibility code requirements from the parking lot to the restroom, including a new accessible parking space
- Points of connection by SFPUC & PG&E
- Maintenance provided by JCDecaux
3. PUBLIC AMENITIES

NEW PUBLIC RESTROOM – JCDECAUX RESTROOM PROGRAM
3. PUBLIC AMENITIES

NEW PUBLIC RESTROOM – JCDECAUX RESTROOM PROGRAM

Design Approach

Simplicity in its Kit of Parts

The furnishings are designed as a kit of parts for ease in buildability and maintenance. The toilet’s unique sculptural shape displays a sense of complexity, yet, the kit of parts assembly is simple having been composed of repeated and rotated panels. The exterior shell consists of a durable concrete base and formed texture stainless steel panels for the walls and door. A fiberglass roof includes a skylight for daylight illumination inside.

Maintainability

State of the Art engineering to deliver ruggedized furniture for everyday usage. They are designed to keep the challenges of structures in an urban context. This includes climate, graffiti, and pedestrian activity.

Safety

Illumination of the toilet using LED lighting for enhanced perception of safety and ease of use. Lighting is located around door frame and in seam between concrete base and SS panels.
PART 4

QUESTIONS
THANK YOU!

Brett Desmarais, Project Manager
Recreation & Parks Department
30 Van Ness Ave, 3rd Floor
San Francisco, CA 94102

Phone: 415-575-5601
Email: brett.desmarais@sfgov.org
Web: www.sfrecpark.org