



MEMORANDUM

Public Works Department

DATE: April 28, 2021

TO: Parks and Recreation Commission

FROM: Anne Marie Starr, Senior Civil Engineer
Robert Gonzales, Principal Civil Engineer
Dawn S. Cameron, Public Works Director

SUBJECT: Shoreline Play Structure Replacement Project Update, Project 20-55

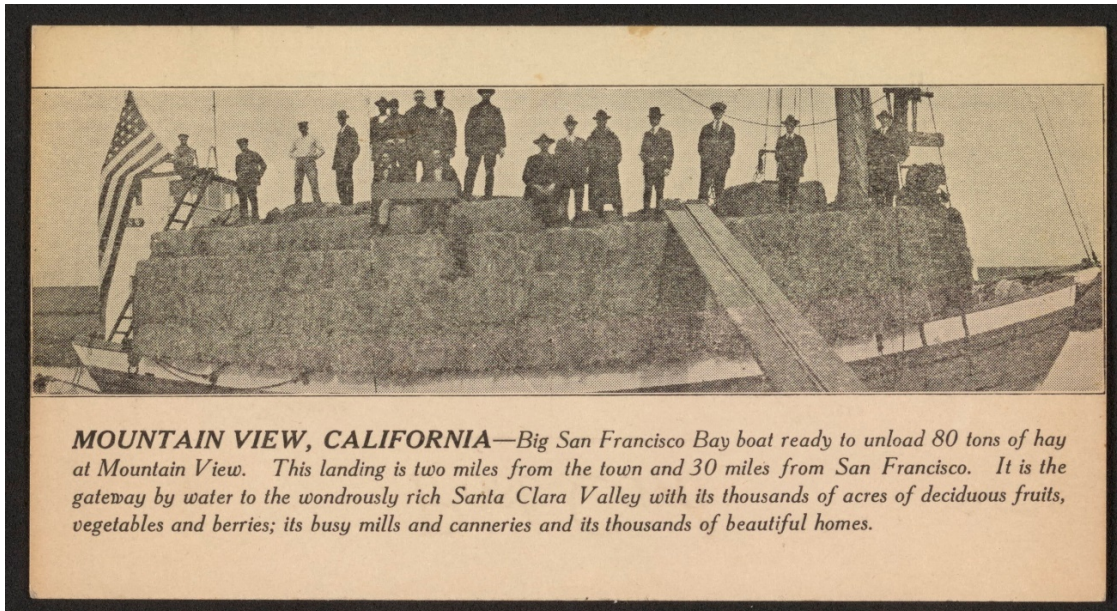
RECOMMENDATION

Recommend the replacement of the majority of the Shoreline Play Structure equipment in-kind with play equipment manufactured by the original manufacturer, Columbia Cascade, Inc.

BACKGROUND AND ANALYSIS

The Shoreline Play Structure is a 20-year-old play structure in Shoreline at Mountain View that is a replica of the historic sailing scows that sailed from Mountain View to San Francisco in the late 1800s. It is located adjacent to the Shoreline Sailing Lake, northwest of the Shoreline Boathouse. A location map is included as Attachment 1.

The original play structure was custom-built by Columbia Cascade, Inc., because no prefabricated play structures met the City Council and the Parks and Recreation Commission's (PRC) parameters to have a play structure with historical significance while also fitting in with the passive, natural area surrounding it. Below are two photos – Photo 1 is a picture of an old sailing scow in Mountain View, and Photo 2 is a picture of the existing, custom-built sailing scow play structure at Shoreline at Mountain View.



***MOUNTAIN VIEW, CALIFORNIA**—Big San Francisco Bay boat ready to unload 80 tons of hay at Mountain View. This landing is two miles from the town and 30 miles from San Francisco. It is the gateway by water to the wondrously rich Santa Clara Valley with its thousands of acres of deciduous fruits, vegetables and berries; its busy mills and canneries and its thousands of beautiful homes.*

Photo 1: Historic Sailing Scow



Photo 2: Existing Custom-Built Shoreline Sailing Scow Play Structure

After 20 years in a harsh marine environment, much of the play structure needs replacement. Attachment 2 provides photographs of some deteriorated portions of the play structure.

New Play Structure Design versus Replace In-Kind

Originally, staff explored the idea of possibly constructing a new, prefabricated play structure to replace the existing structure. However, after consulting with the City's biologist, Phil Higgins, it became apparent that changing the shape, height, profile, or footprint of the play structure would trigger environmental concerns.

The sensitive wildlife area surrounding the play structure is owl foraging habitat and white-tailed kite nesting habitat. Any changes to the location, shape, height, or profile of the structure could change the foraging and nesting potential for this critical wildlife. For example, if a new structure were installed that was higher than the existing structure or a different shape, it could create new perches for raptors, making it more dangerous for owls to forage for food in the area.

For that reason, staff determined that it is critical to replace the play structure in-kind (with a few minor changes to some materials to ensure the new structure weathers better than the existing structure). This approach will keep the play structure footprint and shape/profile the same as the existing one and will protect the critical wildlife habitat.

Play Structure Equipment to Be Replaced

The custom-built play structure consists of several play equipment assemblies: the "Wheelhouse," "Cargo Hold," "Hull," "Deck," "Masts," and "Dock." To reduce project costs and address environmental constraints mentioned above, staff plans to retain the portions of the existing play structure that are in good condition (Masts and Dock) and replace the parts that have deteriorated (Wheelhouse, Cargo Hold, Hull, and Deck) in the same footprint as the current play structure. The play structure is custom in nature and will need to be manufactured. The original equipment manufacturer has details and plans on each piece that would be difficult for other manufacturers to replicate. For that reason, we are recommending that the City sole-source the procurement of the play structure equipment to Columbia Cascade's local distributor, Park Pacific, Inc. Attachment 3 delineates the different equipment assemblies that make up the entire play structure and identifies which equipment assemblies are being replaced and which will remain.

The Shoreline Play Structure project is a two-part project. First, we will procure replacement equipment for the play structure assembly. Then, a contractor will be hired

to remove the damaged portions of the existing play structure and install the new play structure equipment where specified. The contractor performing the removal and replacement work will be chosen through the City's standard public bidding process. The play structure will stay in the same location and have the same footprint and profile as the existing play structure, and the new components will tie directly into the existing play structure elements that are to remain in place.

FISCAL IMPACT

Shoreline Play Structure Replacement, Project 20-55, is currently funded in the amount of \$650,000 from the Park Land Dedication Fund. Because old price quotes for the work were used to establish the original project budget, an additional \$190,000 is needed to fully fund the project for a total project cost of \$840,000. Staff has requested this additional funding as part of the 2021-22 Capital Improvement Program, and it has been confirmed that there are sufficient Park Land Dedication funds to fully fund the project.

PROJECT SCHEDULE

We anticipate starting construction of this project in late fall 2021 with construction being completed before the white-tailed kite nesting season begins on February 1, 2022.

PUBLIC NOTICING

In addition to the standard agenda posting, notices informing park users of the PRC meeting were posted in Shoreline at Mountain View near the existing play structure.

AMS-RG-DSC/6/PWK
924-04-28-21M

Attachments: 1. Shoreline at Mountain View Play Structure Location Map
2. Photos Showing Play Structure Damage
3. Photo Delineating Areas of Equipment Replacement

cc: PWD, CSD, APWD – Arango, POSM, PCE – Gonzales, SCE – Starr, F/c