



MEMORANDUM

Public Works Department

DATE: May 12, 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: Sylvan Park Trellis Replacement Concept Plan, Project 21-47

RECOMMENDATION

Recommend the replacement of the existing wood trellis and wisteria around the Sylvan Park amphitheater with a new trellis and new wisteria, as shown in the Sylvan Park Trellis Replacement concept plans.

BACKGROUND AND ANALYSIS

In the early 1980s, Sylvan Park was constructed at the corner of Sylvan Avenue and Glenborough Drive in Mountain View. In addition to typical park amenities, such as tennis courts, a playground, walking paths, restrooms, and green space, the park also featured an “activity center”/amphitheater for public gatherings (amphitheater). Encircling a portion of the amphitheater and extending over the adjacent restroom building is a trellis with wisteria growing on it. Figure 1 below is a Project Location Map, and Figure 2 is a Project Work Area Map.



Figure 1: Project Location Map



Figure 2: Project Work Area Map

During the renovation of the restroom building a few years ago, City crews discovered that the nearly 40-year-old trellis over the restrooms was unstable, and it was removed. When City staff removed this unstable section, staff began to consider the long-term viability of the entire trellis system. This trellis provides a shady area for people to gather and enjoy the park, with mature wisteria growing on top and game tables beneath. In 2018, a structural inspection of the trellis, performed by Biggs Cardosa, found it to be in poor condition. It was determined that repairing the structure would be more difficult and costly than replacing it. Based on these findings, the City funded Sylvan Park Trellis Replacement, Project 21-47, to replace the trellis.

New Trellis Design

The trellis replacement project involves the replacement of the existing trellis and wisteria with a new trellis that looks similar to the existing one but incorporates some alternate trellis materials to improve durability and maintenance of the structure. The project will also include the planting of new wisteria to grow on the trellis, along with the installation of new game tables and the replacement of concrete pavement under the trellis, where needed.

Also included in the project is an optional decorative trellis around the perimeter of the restroom. This optional trellis does not include wisteria. This work will be included in the project bid documents as an “add-alternate.” This means that the contractor provides a price for the work and then, depending on funds available, staff decides whether to include this work in the final construction or not. This option would recreate the aesthetic that was over the restroom prior to it being removed.

Figure 3 below is the trellis conceptual design layout plan showing the trellis around the amphitheater as well as the optional trellis around the restroom building.

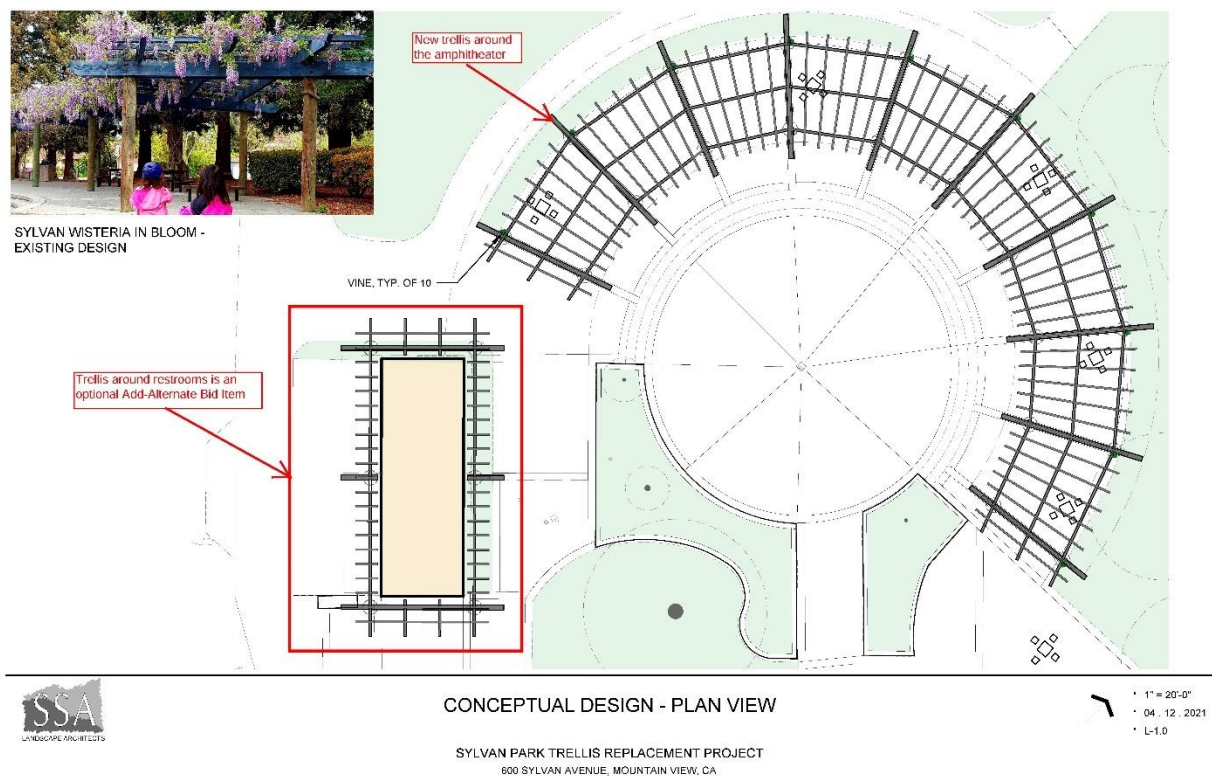
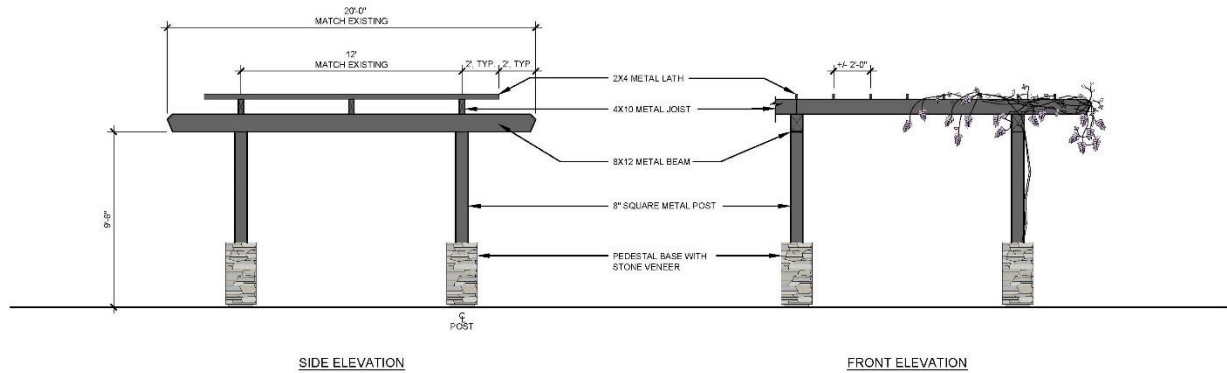


Figure 3: Conceptual Design Layout Plan

Figure 4 below provides an elevation view of the new trellis design. The trellis will look very similar to the existing trellis but, instead of using wood materials, the concept design uses metal posts, joists, and lath. Metal will age better than wood and will be easier to maintain. In addition to the metal trellis materials, the concept includes a concrete pedestal at the bottom of each trellis post. This pedestal protects the posts from corrosion and provides an opportunity to add a decorative feature to the trellis. The decorative feature on the concrete pedestals will either be a rock facing or a complementary stamped concrete design.



CONCEPTUAL DESIGN - ELEVATION

SYLVAN PARK TRELLIS REPLACEMENT PROJECT
600 SYLVAN AVENUE, MOUNTAIN VIEW, CA

- 1/8" = 1'-0"
- 04.12.2021
- L-2.0

Figure 4: Concept Design – Elevation View

Wisteria Replacement

The existing mature wisteria has covered the trellis structure both around the trellis supports and on top. Staff and the design consultant explored the feasibility of removing the existing trellis while preserving the existing wisteria. Ultimately, it was determined that, because the wisteria is so intertwined with the existing trellis, the wisteria must be removed along with the trellis. Below are some photos of the existing wisteria growing around the trellis supports and through the trellis members.



Figure 5: Photos of Wisteria

Staff considered other vine options for the trellis replacement but believe park users would prefer to have the wisteria replaced in kind.

FISCAL IMPACT

Sylvan Park Trellis Replacement, Project 21-47, is currently funded in the amount of \$600,000 from the Park Land Dedication Fund. At the April 28, 2021 Parks and Recreation Commission meeting, an additional \$250,000 from the Park Land Dedication Fund was committed and recommended to City Council for appropriation in Fiscal Year 2021-22 through the Capital Improvement Program for a total project cost of \$850,000. This additional funding is for additional design costs and higher-than-budgeted construction costs. Staff has gone through design revisions, removing project elements to control these costs as much as is feasible.

PROJECT SCHEDULE

Staff anticipates starting construction of this project in spring 2022 with construction being completed by summer 2022.

PUBLIC NOTICING

In addition to the standard agenda posting, notices informing park users of the Parks and Recreation Commission meeting were posted at the project site, and postcard notices were mailed to all residents and property owners within 750' of Sylvan Park.

AMS-RG-DSC/6/PWK
924-05-12-21M

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