

Construction of the SLO Botanical Gardens Foot Bridge - Interdisciplinary Project

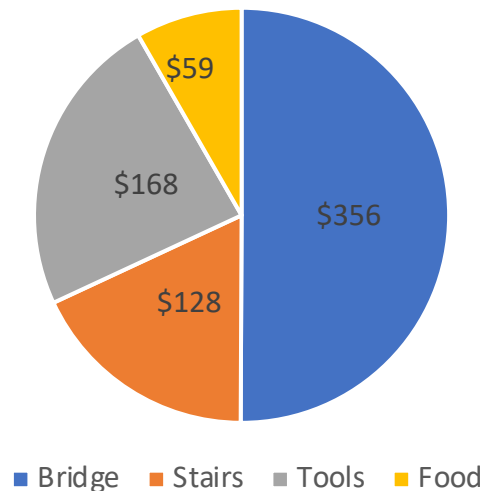
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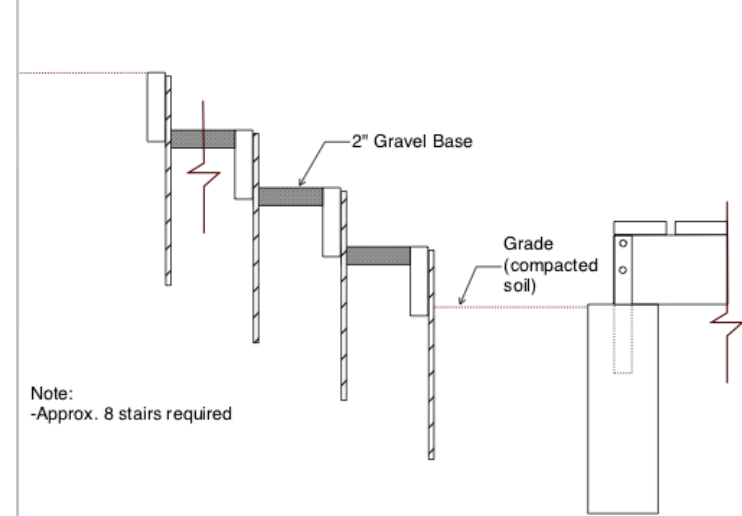
In the Winter quarter of 2020, a project based senior project was sought out by a Cal Poly Construction Management student, and he was connected with the San Luis Obispo Botanical Gardens (SLO BG). SLO BG is a non-profit organization located on 150 acres in the El Chorro Regional Park. After meeting with the SLO BG staff and exploring their many needed projects, the student and the staff mutually concluded that he would build a bridge and accompanying stairs which resided on a well-traveled trail on the property. He successfully developed the project schedule, budget, recruited an architect for design assistance, and secured funding for the project. However, many delays were faced due to the COVID-19 pandemic and government bureaucracy. The scope of the project was subsequently changed to become a purely preconstruction and prefabrication project. Throughout the duration of work, the materials were acquired, prefabricated, plans were created and revised many times, the permitting process was started, and the site was prepared for the installation of the bridge. The project was brought to the point where the permitting process needed to be completed, and the bridge and stairs need only be installed on site.



Cost



SLO BG Bridge - Bridge to Stairs Connection



SLO BG Bridge - Side View

