



Shugart Park Trail & Pedestrian Bridges Scotts Valley, California

Civil and Structural Engineering



This Safe Routes to School pedestrian and bike path project was created to enable and encourage children, including those with disabilities, to walk and bicycle between Scotts Valley High School and Vine Hill Elementary School through the future site of Shugart Park. 1,000 feet of 12ft-wide sinuous trail and two new bridges now connect the schools and make bicycling and walking to school safer and more appealing. The bridges, one 60ft and the other 50ft, cross two tributary streams to Carbonera Creek and provide an accessible path of travel across the foothill landscape.

As prime design professional, MME prepared all plans for the sinuous 12ft-wide trail and bridges, including trail profiles and grades, drainage improvements, and details for the bridge abutments, plinths, and seat walls. Our thoughtful design used shallow spread footings instead of conventional drilled piers, saving the City \pm \$40,000. We also assisted the City with construction administration and site observation services.

Client Reference:

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Project Cost: \$500,000