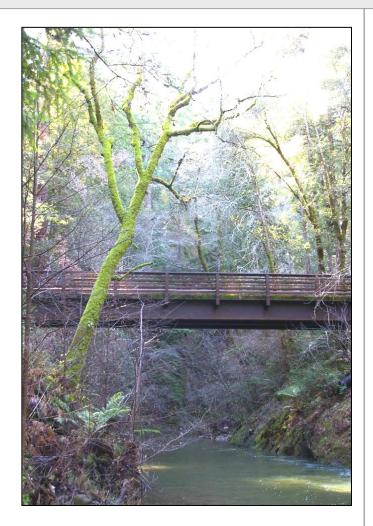


Bear Creek Scout Camp Bridge County of Santa Cruz, California

Civil and Structural Engineering



Client Reference:

Jarin Feldstein Boy Scouts of America Pacific Skyline Council 288 Almond Avenue Los Altos, CA 94022 (650) 941-7744

Budget: \$240,000

Mesiti-Miller Engineering was selected as the prime design professional responsible for the design of a 62-foot vehicular bridge over Bear Creek for the Boy Scouts of America, Skyline Council. A steel girder with composite concrete deck system was selected for the new bridge as our life cycle cost analysis demonstrated it had the lowest total cost. The concrete deck combined with Coreten steel girders and railing system will require almost no maintenance over the life of the bridge. The bridge superstructure is founded on concrete abutments and wing walls which are in turn supported on drilled concrete piers.

Mesiti-Miller Engineering assisted the Boy Scouts in obtaining permits from the California Department of Fish and Game and Santa Cruz County.

