



## 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.

