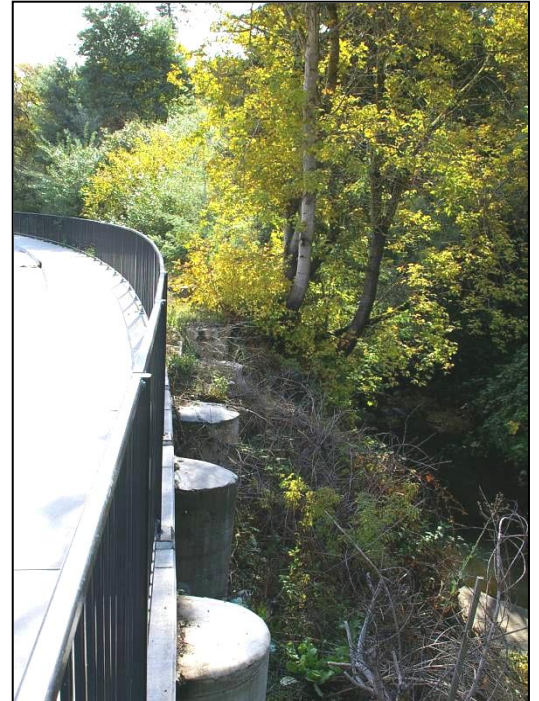




Glen Canyon Road Stream Bank Protection Scotts Valley, California

Civil and Structural Engineering



Client Reference:

Scott Hamby, Public Works Director
City of Scotts Valley
701 Lundy Lane
Scotts Valley, CA 95066
(831) 438-5854

Budget: \$900,000

Mesiti-Miller Engineering was responsible for the design of repairs and additions to the Camp Evers Creek stream bank protection along a portion of Glen Canyon Road. Two goals of the project were to stabilize the existing structures installed in 1998 (gabions and a concrete block wall) and design and construct a series of new caisson/concrete walls in eroded areas not previously armored. Repairs and additions consisted of cast-in-place, reinforced concrete caissons and retaining walls and cast-in-place, reinforced concrete underpinning of the existing concrete and gabion retaining walls.

Other improvements included concrete curbs, gutter, and sidewalks along the creek side of Glen Canyon Road; segmental block retaining wall systems along the uphill side of the road; storm drainage improvements; asphalt concrete pavement and dikes; and a new metal fence railing.

The result of this project is a safer road for motorists, bicyclists and pedestrians and increased protection for the habitat in Camp Evers Creek.