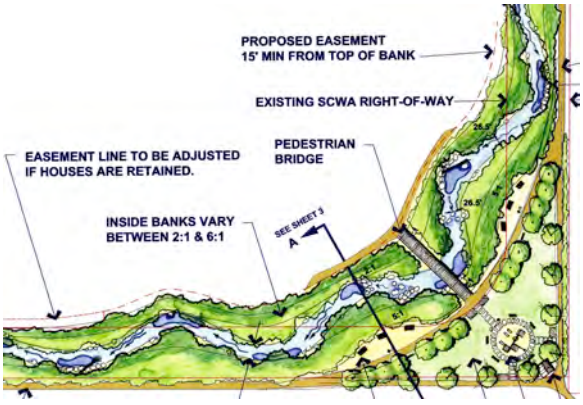
PRUNUSKE CHATHAM, INC.

COLGAN CREEK RESTORATION PROJECT, 2000

Client: City of Santa Rosa *Contact: Colleen Ferguson, 707-543-3852*

PCI prepared a conceptual plan to restore the natural channel functions and values of Colgan Creek, located in southwest Santa Rosa. This was a unique opportunity to restore the creek before the City further developed and prepared plans to widen a major avenue parallel to the creek. The 1.28-mile stretch of creek had been relocated and channelized for flood conveyance. Much of the land adjacent to the creek was undeveloped. It passed by Elsie Allen High School, and the City had plans for a proposed bike and footpath.



PCI gathered technical data of existing conditions and developed alternative schematic studies. During conceptual planning, PCI met twice with students from the high school and held a community tour and meeting to discuss the creek and its restoration plan. Following community input, PCI prepared two conceptual plans for presentation to the City Council. After Council review, PCI prepared a final conceptual plan and a brief summary report. PCI also met with representatives of involved regulatory agencies.

Technical services provided by PCI included aerial photo analysis, historic channel analysis, collection of existing channel and site topographic data, collection of information for proposed improvements adjacent to Colgan Creek, preparation of base maps, aquatic habitat assessment, sediment transport field reconnaissance, development of a reference reach, determination of bankfull discharge and channel dimensions, and hydraulic review.

The conceptual plan could be used to seek funding, complete detailed designs, and construct the project, as well as to provide guidance to developers as plans are proposed for the area. Benefits of the restored creek and riparian corridor include providing aquatic and wildlife habitat, improving water quality, providing public access and recreational opportunities, and enhancing flood conveyance.