



**PROJECT:** Veterans Administration Center  
Fire and Safety, Elevator,  
Ambulatory Care  
and HVAC Improvements

**CLIENT:** Amoroso Construction Co., Inc.

**LOCATION:** Livermore, California

CCL was retained by Amoroso Construction to prepare a CPM schedule for the Livermore Veterans Administration Center \$10 million Fire and Safety, Elevator, Ambulatory Care and HVAC Improvements project. The CPM schedule included dollar and manpower loading for each activity in accordance with the Veterans Administration's specifications. Improvements were provided in the main Hospital building and the Ambulatory Care area.

The project consisted of correcting fire and safety deficiencies in the main Hospital building through the addition of a automatic sprinkler system, removal of asbestos, miscellaneous structural improvements such as additional supports for new roof top mechanical equipment, a new air-conditioning system for the ambulatory care area, replacement of fire alarm and electrical systems, a new chiller and electrical building, construction of a service elevator tower along with a two-story connecting corridor, and remodeling work throughout the Hospital. The 850 calendar day project was broken into several phases of work which was necessary to interface the construction improvements with on-going Hospital operations. Dust partitions were constructed to enable work to progress in areas that remained occupied.

CCL prepared the initial CPM construction schedule showing the work of the General Contractor and subcontractors and prepared monthly updates to the schedule throughout the construction period.