



PROJECT: Veterans Administration Hospital Seismic Deficiency Corrections

CLIENT: Kloster Construction Company

LOCATION: St. Louis, Missouri

CCL was retained by Kloster Construction Company to prepare a CPM construction schedule for the Veterans Administration Seismic Deficiency Correction project. The \$12 million project included exterior and interior bracing for 13 buildings at the St. Louis Veterans Administration Hospital complex. The CPM schedule was prepared in accordance with Veterans Administration specifications including requirements for dollar and resource loading each activity.



The project consisted of strengthening buildings and connecting corridors. The work included new exterior concrete shear walls, buttresses, and shear wall towers; drilled pier footings; bracing of interior corridors using steel tubing; asbestos removal work and exterior finishes to match existing buildings. Interior rooms created in the shear wall were finished as usable spaces including electrical and HVAC work. The three and a half year project includes work on the main hospital building, administrative/educational building, Regional Medical Education Center, VA Administration Facility, outpatient clinic, nursing home, chapel and other buildings on site.

The project schedule requirements included dividing the work into phases with as little interference as possible with normal functions of the Medical Center. All work in each phase had to be completed prior to the start of work in subsequent phases. Sheer wall towers and buttresses were located at several locations around each building keyed into existing columns and floor slabs the full height of the building to provide additional building strength and rigidity to meet seismic standards.

CCL prepared logic diagrams and computer reports for the initial CPM construction schedule showing the work of the general contractor and twelve subcontractors, and will prepare monthly updates to the schedule.