

A. Executive Summary

This technical assignment gives a closer look at analyses of key project features that affect project execution of the 5th and 6th floor fit-out as well as the cardiac elevator addition at Lancaster General Hospital, Lancaster PA. Contained in this report you will find a detailed project schedule, site layout plan, assemblies estimate, detailed structural systems estimate and a general conditions estimate.

The first section is the detailed project schedule which lays out all the tasks of the project noting start and completion dates. The 5th and 6th floor fit-out of the Lime St. building starting on Aug. 11, 2006 with substantial completion occurring with DOH Licensure Inspection on Jan. 15, 2007. A critical part of the project is the completion of the cardiac elevator addition which will service the fit-out projects; this will start on Sep. 5, 2006 and be completed on Jan. 19, 2007. The second section is the site layout plan which shows the placement of the tower crane, material hoist, loading/unloading area, loading dock, dumpster and porta-johns. The loading/unloading area on this project is small but very important because street space is limited and the only access to the site is along a one way street that cannot be blocked due to ambulance traffic. The assemblies estimate for section three looks at the building enclosure for the cardiac elevator addition, the major components of which are the exterior insulation finish system (EIFS), fireproofing and single ply membrane roofing. A detailed structural systems estimate also focuses on the cardiac elevator addition because the 5th and 6th floor fit-out project is contained in an existing shell space. The cardiac elevator addition however is comprised of a steel frame with cast-in-place concrete over composite metal deck. In the final section of this report the general conditions for both sections of the project, 5th and 6th floor fit-out and cardiac elevator addition, are broken down in order to show the components that are included in the estimate.