

JOHNSON CITY MEDICAL CENTER CAMPUS IMPROVEMENTS

CLIENT:

Mountain States Health Alliance

LOCATION:

Johnson City, Tennessee

PROJECT TIME FRAME:

2010 thru 2014

CONSTRUCTION COST:

\$200 Million

FUNDING:

Private

PROJECT TEAM:

Thomas O. Patton Jr., PE – Oversight/Project Leader
Jonathan Shipley, LEED Green Assoc. – Project Manager/Designer
Jill Workman, PE – Designer
Josh Horton, EIT – Designer
Rick Bowers, PLS – Surveyor
Sam Clark - Designer

PROJECT SERVICES:

- Surveying & Construction Layout Control
- Site Design
 - Sanitary Sewer System Relocation
 - Storm Water Quantity & Quality Controls
 - Potable Water Relocation
 - Utility Tunnel
- Permitting
- LEED Certification
- Construction Drawings & Technical Specifications
- Construction Services & Observation

PROJECT DESCRIPTION:

The multiphase/multiyear Johnson City Medical Center (JCMC) campus improvements consisted of a parking structure with an elevated breezeway, an underground utility corridor, a building and parking upgrade for a new building entrance with improved pedestrian access, new EMS garage/living quarters and the addition of a three story surgical wing with an underground concrete utility tunnel for utility service connections to the existing central energy plant. With most of the site being previously developed, TH&P was tasked with developing designs in phases that would have minimal impacts to the daily business of the largest hospital in the region while maintain safe access for both vehicular and pedestrian traffic. The storm sewer system was designed to meet the more stringent requirements for storm water quality and quantity as well develop a design for a utility corridor that would allow for future horizontal and vertical improvements at the JCMC campus without the need for unnecessary utility relocations. Construction management was provided by Skanska, USA. Each of the phases of construction were completed either early or schedule.

Heart Hospital Entrance



Parking Lot Improvements



Utility Tunnel

