



NEW CRDAMC NEWS

Winter/Spring 2013

Meet the HFPA Staff

Despite the fact that 10% of the Army is based at Fort Hood, you've probably never met any Soldier who is actually from the Fort Hood area—however, I am the exception because I was born and raised here. My dad retired from the Army at Fort Hood in the early 1960s and he and my mom owned and operated Williams Discount Pharmacy downtown for nearly 30 years. My first job was doing inventory and dusting my mom's pharmacy shelves, and later, during my time at Ellison High School and Texas A&M, I worked summers here doing everything from lifeguarding at Fort Hood pools, to building houses in Harker Heights. In my 20 years as a Soldier, I've currently served 8 years at Hood, starting as the Baylor Resident at Darnall in 1999, then as the DENTAC XO, immediately followed by an OIF deployment with the 21ST CSH, and finally capping off 6 years here with the construction of the Darnall ED addition/alteration and the mother-baby unit. Along the way, my wife delivered 3 of our 6 kids at Darnall.



LTC Mike Williams
Program Manager
Southern Region-West
U.S.Army Health
Facility Planning Agency

After leading the construction, initial outfitting and transition efforts for the new Bassett Army Community Hospital at Fort Wainwright, Alaska, followed by a stint in the DC area, I now head up a great team of professionals who execute nearly \$1.9 billion of medical military construction here at Hood and Fort Sam Houston. As a kid, my parents rushed me to the Darnall ED countless times, and I've done the same with my own kids in the years since; I am proud and humbled that I have the privilege to help shape something so important and lasting in my hometown.

History of the Project

In 2008 the CRDAMC Replacement was planned as an 11 year, two phase project. The Outpatient building, phase I would have started in 2010 and been completed in 2014. The Inpatient building, Phase II would have started in 2017 and been completed in 2021. In 2009, American Recovery and Reinvestment Act (ARRA) funding became available for "shovel-ready" (construction ready) projects, it was determined that the entire CRDAMC Replacement could be funded in 2010 and complete in 2015, however it would have to be an Design Build Project, rather than the traditional Design Bid Build.

FUN FACTS

At the end of construction, there will be enough...

Concrete to build a 4-foot wide side walk from El Paso to Houston

Rebar to equal the weight of 122 x M1 Abrams tanks

Sheet metal to equal the weight of 9 x M1 Abrams tanks

Metal pipe to extend from Austin to San Antonio

So what's the status?

The design phase of the project is almost complete. The only design package not issued for construction is the Signage package for the building. While the Interior-Finish Out package has been issued for construction, there are several cost modifications that have not yet been incorporated into the design. The final architectural plans will be complete in summer 2013.

Construction began in June 2011 and is rapidly progressing as is visible from across Santa Fe Avenue. Approximately 70% of the concrete has been placed. 1008 out of 1080 of the piers and the 5th floor slab have been placed to date. The work on the foundation of the parking garages is on-going.

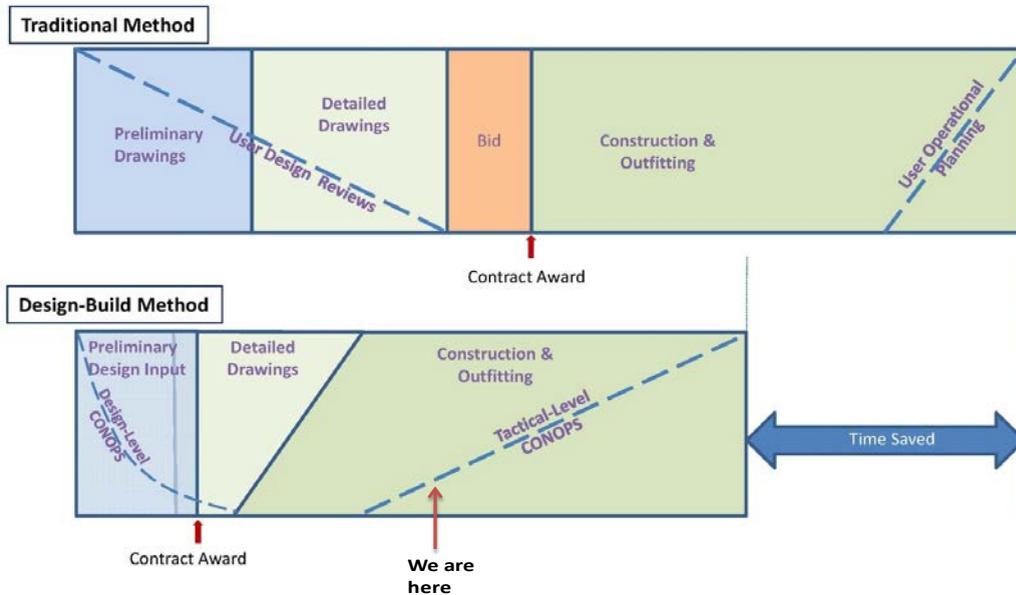


NORTH ELEVATION OF THE NEW CRDAMC

What is Design Build?

The Design-Build (DB) acquisition strategy utilizes the “fast track” capability in which a single firm coordinates both the design and construction. The key benefits to this project delivery method include minimized risk to the government, lower costs and a reduced delivery schedule by overlapping the design phase and the construction phase of the project. The design is segmented into logical groups called design packages that can be completed in a chronological sequence. For instance the basic site work for parking, sloping and drainage can be fully designed well before the completion of the design of the interior walls of the facility. When an individual design package reaches 100% design and is approved by the project delivery team, the design-builder can start constructing that design package. The new CRDAMC is divided into seven design packages.

The graphs below illustrate the duration differences between the traditional construction method (design bid build) and the design build method.



The Interior Finish-Out (how the rooms are laid out) is one of the last packages to be completed. This is the design package that the individual hospital departments have had the most involvement in. Multiple design reviews have occurred from November of 2010 through March of 2012. Hospital departments have been involved in refining the architectural layout of their departments, equipment identification, and equipment layouts within the departments. In-depth design reviews have been held between the architect’s laboratory and pharmacy consultant to perfect these hospital support services’ layout and flow.

What is Initial Outfitting & Transition?

IO&T includes planning, procurement, installation, and turnover of medical equipment and systems associated with the new facility. The initial phases of IO&T will include a 100 percent inventory of equipment to gain initial visibility of the age, technology and maintenance status of equipment. This information will be used to make an initial determination of what equipment will be retained or disposed of and to develop an estimate of what will need to be purchased new. These determinations will be made through a collaborative effort between HFGPA and the hospital staff to ensure critical items are retained or replaced as we move forward.

