

Construction News Report



**Student Academic
Services Building**

August 2008

**Lane Avenue
Parking Garage**

SASB Project Status:

- Submittal process continues and material procurement is underway.
- Continued MEP coordination.
- Structural steel procurement & fabrication continues.
- The concrete utility tunnel that runs under the building has been completed.
- Foundations and basement walls are underway. This work is part of LAPG contract.
- Constructed the concrete shared wall between LAPG and SASB basements.
- Started to form and pour the basement walls for SASB.
- Started installation of underground plumbing.

Outside the Fence:

- Prepared for football Saturday pedestrian traffic on sidewalks adjacent to the construction site to ensure the safety of the public.



LAPG Project Status:

- Submittal process continues and material procurement is underway.
- Bid Package 102 – Site Work
 - Started waterproofing the tunnel.
 - Started removing shoring and backfilling at the tunnel.
 - Started underground storm sewer work.
- Bid Package 104 – Concrete
 - Completed forming and pouring concrete at tunnel.
 - Continued forming and pouring concrete walls.
 - Continued excavating for footings.
 - Completed concrete underground storm water detention tank.
 - Completed caisson foundations.
 - Completed tower crane foundation.
 - Installed tower crane.
- Bid Package 108 Plumbing
 - Started installation of underground plumbing.
- Bid Package 110 Electrical
 - Started installation of temporary electric.

The Tower Crane

A very noticeable change to the site was the installation of the tower crane. Our tower crane is 185' tall and will allow access to the entire site. The crane improves safety as it frees up space on the site and allows the crane operator to see the picks since he is looking down instead of up.

Before the tower crane could be erected, a concrete foundation had to be engineered. The foundation was constructed of 810,000 pounds of concrete.

Some basic facts on our crane:

- *The jib, or long working arm, is 219' in length.*
- *The maximum lifting ability is 22,000 pounds.*
- *The maximum lifting ability at the end of the jib is 10,100 pounds.*
- *The counterweights total 54,000 pounds.*
- *The operators cab is at the center of the crane. There will be two people in the cab for operation.*

And to dispel any crazy ideas, you can't see inside the stadium from the top of the crane

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