



January 25, 2010

## It's Time for Some Heavy Lifting

As Monroe Clinic begins construction on the multi-year Northwest Addition project, we'd like to share some fun facts and stories along the way. Take the opportunity to meet two of the newest residents to Monroe – the tower cranes.

- The tower cranes are manufactured by Terex-Peiner and assembled in Germany with some components manufactured in Wilmington, NC.
- They can be up to 237 feet high, and are capable of lifting up to 35,200 pounds.
- These cranes were last used to construct the Hyatt Hotel and a UW Student Housing Building in downtown Madison in 2009.
- They take between 11-18 tractor loads to move, and weigh in excess of 230,000 pounds (not including the concrete foundations).
- A 350-ton crane is used to construct these cranes.
- The cranes have between 160 and 190 steps to climb to the operator cab (approximately 16-19 stories high)
- Brand new, the cranes cost an estimated \$1,000,000 each.
- A local Monroe resident was a key person in the crane erection process.

### The South Tower Crane:

- Operator...Dan
- Last Project...Epic Systems in Verona, WI
- Total Hook Height...188 feet
- Total Reach...213 feet
- Max Lift Capacity...17,600 pounds
- Foundation...22'x22'x4'...73 cubic yards of concrete were used. Weight 146 tons (which is about the weight of 20 full-grown, male African elephants)

### The North Tower Crane:

- Operator...Brian
- Last Project...Multiple Projects in the Madison area
- Total Hook Height...156 feet
- Total Reach...197 feet
- Max Lift Capacity...17,600 pounds
- Foundation 19'x19'x5'-10"...78 cubic yards of concrete were used. Weight 156 tons

To learn more about parking updates and entrance changes, visit [monroeclinic.org](http://monroeclinic.org) and click on the expansion button.