



December 7, 2010

## 365 Days and 50,000 Hours Later

A year ago this month, bulldozers starting moving earth and tearing up parking lots to make way for the Northwest Addition. We've come a long way since then. Here's a look at the progress by the numbers:

- Workers poured 8,000 square feet of concrete over rebar long enough to reach halfway around the world if strung end to end
- Nearly 285,000 bricks and 1,133 pieces of low-e (insulating) glass are now in place
- Landscapers planted nearly 1,000 perennials, shrubs and trees
- As of October 31, the project has brought nearly \$2.5 million into the local economy in labor, materials and equipment purchases
- Even with more than 50,000 work hours on site so far, there have been no safety incidents
- Through September, we've recycled 87 percent of construction waste (currently exceeding our goal of 75 percent).

Now that the building is mostly enclosed, the focus shifts to finishing the interior by the end of 2011.

### Blueprints go 3-D

Some of the Northwest Addition's most complicated architectural and engineering features will be under your feet. A maze of ductwork, wiring, pipes, pneumatic tubes and supporting mechanicals will occupy the space between the ceiling and the floor. To eliminate costly "collisions" in systems, Monroe Clinic is using Building Information Modeling (BIM). This software provides a real-time, 3-D view of the building that allows engineers to move mechanicals around before the actual installation begins. After the building is complete, facility services will reference the 3-D plan to maintain systems.

### Chapel's etched glass adds touch of nature

Most of the glass has been installed for the Northwest Addition, with one beautiful exception—the windows for the chapel.

The glass is etched with a subtle nature-inspired pattern that complements the building's interior design. It will begin in the lobby level and rise up three floors to the chapel and rooftop garden. Facing south, near the patient elevators, the distinctive glass will also act as a point of reference for visitors.

To learn more, visit [monroeclinic.org](http://monroeclinic.org) and click on "expansion" at the bottom of the page. Make sure to check out the construction webcam for a live view of what's happening.