

# NEIGHBORHOOD UPDATE

HIGHLAND HOSPITAL  
ACUTE TOWER  
REPLACEMENT  
PROJECT



Currently, the ATR Project team is laying out the foundation of the Specialty Care Clinics Building.

For more information on the foundation preparation and installation, continue to page 2.

## FOR MORE INFORMATION

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PLEASE VISIT OUR WEBSITE AT [WWW.HIGHLANDATR.ORG](http://WWW.HIGHLANDATR.ORG)



## UPCOMING CONSTRUCTION ACTIVITIES

### AUGUST 2011

- Installation of Specialty Care Clinics Building foundation continues.
- Truck delivery of construction materials continues.
- Interior demolition of the C, D & F Wings continues.
- Installation of support structure for the demolition of the C, D & F Wings begins.
- August 24, 7 pm Highland Hospital Cafeteria Community Meeting - On July 14th, the ATR Project Team held a Landscape Design Workshop to explain the impacts of the project to the historic landscape along 14th Street. At the Workshop, participants provided ideas to lessen impacts on the historic landscape, reduce necessary tree removal, and improve the appearance of 14th Street. At this Community Meeting, the ATR Project Team will show how the ideas are being addressed by the Project and the Final Supplemental Environmental Impact Report (SEIR).
- August 31, Final Supplemental Environmental Impact Report will be issued.

### SEPTEMBER 2011

- Installation of Specialty Care Clinics Building foundation continues.
- Truck delivery of construction materials continues.
- Trenching along Stuart Street for utility installation.
- Interior demolition of the C, D & F Wings continues.
- Installation of support structure for the demolition of the C, D & F Wings continues.
- Structural demolition of the C, D & F Wings begins.
- Trenching along 14th Avenue for gas line installation.
- September 13, County of Alameda Board of Supervisors meeting to certify the Supplemental Environmental Impact Report. County Administration Building, 1221 Oak Street, Oakland, California 94612.

### OCTOBER 2011

- Installation of Specialty Care Clinics Building concrete walls, columns and floors begins.
- Installation of Specialty Care Clinics Building lower level stairs begins.
- Installation of Acute Care Tower site utility work begins.
- Installation of Acute Care Tower utility tunnel bracing begins.

*The above dates are approximations. Neighborhood updates will be provided on a monthly basis and more frequently when needed.*

**If you have immediate safety or nuisance concerns please call the 24-hour Highland ATR Hotline at (510) 227-0392**

# THE FOUNDATION OF THE SPECIALITY CARE CLINICS BUILDING



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For the past few months, the ATR Project Team has been preparing for the installation of the foundation of the new Specialty Care Clinics Building. The preparation includes multiple steps to prepare the ground to support the new building.

First, the V and VA Buildings were demolished to create room for the new Specialty Care Clinics Building. The debris from the demolition was sorted by material type. The metal was sent for recycling, and the concrete was reused for road base or gravel.

For the new Specialty Care Clinics Building, the team used a shoring system. The shoring system, developed by soil and structural engineers, includes building a retaining wall to prevent any soil from falling back into the pit when removing soil from the site. This is similar to digging in the sand at the beach. The sand tends to fall back into the hole, unless there is a barrier to stop it. In order to build the wall, the team drills deep into the ground and places a steel beam into each hole. These beams are placed strategically in a row, to later become the support of the retaining wall. Then, soil is removed away from the beams. Concurrently, wood planks are placed between the steel beams and pushed down to the level of the new building's foundation.

Now, the foundation can be installed. The team first carved out channels at the bottom of the pit. Then, reinforcing steel was placed in the carved out channels to strengthen the concrete poured on top of the reinforcing steel. This creates the footings of the Specialty Care Clinics Building. Next, a level surface of concrete is poured over the footings to create the Specialty Care Clinics Building foundation.

Look for future updates that will describe the next steps in building the Specialty Care Clinics Building, including building the concrete parking garage and structural steel framing. Also, watch the construction progress on our webcam at [www.HighlandATR.org](http://www.HighlandATR.org).

*Pictures: 1. Sorting the demolition debris by metal or concrete for recycling. 2. Drilling into the ground to start shoring. 3. Placing steel beams into the hole. 4. Placing wood planks between the steel beams and pushing it down to the foundation level. 5. The shoring at final stage. 6. Carving out the footings. 7. Placing concrete and reinforcing steel into the footings.*