

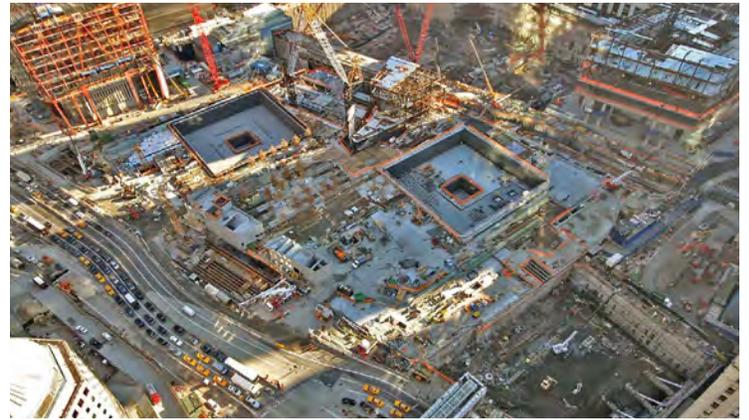
# World Trade Center Progress

THE PORT AUTHORITY OF NY & NJ

December 2010

## What a Difference a Year Makes: Construction Progress in 2010

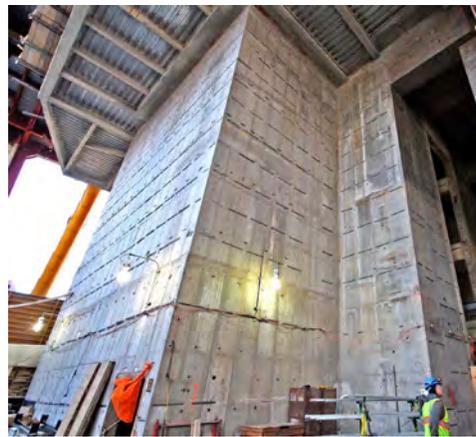
Anyone looking at the WTC site today would immediately see the dramatic change in the construction landscape from a year ago. The Port Authority of New York & New Jersey met crucial milestones over the course of the year and marked progress on major projects. What follows is a summary of a productive year for the Port Authority and its contractors.



World Trade Center site, December 2009 (left) and December 2010 (right).

### One World Trade Center

At the beginning of 2010, One WTC was 20 floors and ringed with 24 jumbo perimeter steel columns. Today, the steel has reached 48 floors and more than 560 feet above grade. Floor slabs have been cast to the 40th floor, core shear walls are cast to the 36th floor and erection of the curtain wall system is to begin this week.



One World Trade Center: December 2009 (left), interior (center), and December 2010 (right).

### National 9/11 Memorial & Museum

In 2009, more than 90 percent of the steel had been installed, and more than 20,000 cubic yards of the concrete had been placed. Today, all of the structural steel has been installed, most of the concrete has been poured, the north and south pools have been covered in granite panels, 50 trees have been planted on the plaza, and the waterfalls in the north pool are operational.



National 9/11 Memorial & Museum, December 2010: Museum Pavilion (left), Plaza trees (center), North Pool waterfall (right).

# Transportation Hub

At approximately 800,000 square feet, the Transportation Hub will be the third largest transit station in New York City, serving more than 200,000 daily commuters. The East-West Connector is a subgrade pedestrian passageway that will allow commuters to walk from the MTA Fulton Street subway station to the World Financial Center in a climate-controlled environment. The Route 9A Underpass is the portion of the connector that runs below the highway. All 54 of the Calatrava arches have been installed, as well as the first two sections of plate girders for the PATH Hall.



Top: Transportation Hub December 2010; Center: Platform A December 2009 (left), December 2010 (right); Bottom: East -West Connector (left), interior rendering (right).

# Vehicle Security Center

The VSC is an underground security structure that will serve as the screening point for all vehicles entering the WTC site. More than 70,000 tons of soil has been removed to date, and tieback installation is progressing as it begins to support the slurry walls.



Vehicle Security Center: December 2009 (left), December 2010 (center, right).

**WORLD TRADE CENTER CONSTRUCTION**  
**OFFICE OF PROGRAM LOGISTICS**  
 Please visit us at [www.wtcprogress.com](http://www.wtcprogress.com)

**THE PORT AUTHORITY OF NY & NJ**

recycled paper 