

ATLANTIC YARDS CONSTRUCTION UPDATE  
Weeks of April 26, 2010 and May 3, 2010

In an effort to keep the Atlantic Yards Community aware of upcoming construction activities, ESD and Forest City Ratner provide the following outline of anticipated upcoming construction activities.

This is an Atlantic Yards Construction Activities Two Week Look-Ahead. Please note the scope and nature of activities is subject to change based upon field conditions. In addition, during the utility work water shut offs may be required; these shut downs are done under the oversight of DEP and property owners will be given advance notice. All work has been approved by appropriate City and State agencies where required.

In addition to the activities described below, noise attenuation and vibration monitoring measures are underway in connection with the Amended Memorandum of Environmental Commitments dated as of 12/21/09

Long Island Rail Road/Vanderbilt Yard Work

- Installation of protection of LIRR substation A0-1 via erection of a sidewalk bridge over this equipment in BL1119 is complete.
- Jersey Barriers and fencing to separate the LIRR Yard and facilities from the Arena construction area has been installed on Block 1119.
- Demolition of the former MG Set building close to the Fifth Avenue end of the site is complete.
- There will be a month or two of downtime as we work with the LIRR and our design consultants on the next phase of the new yard and coordinate it with the design of the Carlton Avenue Bridge
- Certain activities such as site surveys are occurring on Block 1129. These activities are consistent with an easement agreement that allows access to 20,000 square feet on this block for building out the permanent rail yard. There are also construction materials, construction vehicles and dumpsters being moved to this block and fencing installed as necessary per the staging activities approved for this block. The staging Plan for the installation of a Construction Site Office Trailer Park and Site Logistics Area in BL1129 is still being developed.

## Environmental Remediation

- The environmental consultant has completed most of the shallow excavation and drilling to test and classify soils in blocks 1127 and 1119. Work will continue on parcels where buildings have recently been demolished and locations that were previously blocked with utility construction vehicles. This is prep work required in advance of any actual removal of soil from the site.
- Continuation of water quality monitoring around the site per NYS Department of Environmental Conservation requirements.

## Infrastructure

- The contractor will begin installation of a 36" sewer main from the easement just west of 5<sup>th</sup> Avenue and work eastward toward a point approximately 260' east of 5<sup>th</sup> Avenue. The work is expected to take three months.. The installation process includes excavation of a 25' deep trench between the LIRR tunnel and the property line, The trench will be supported by rails that are driven into the soil. As sections of pipe are installed the trench will backfilled so that the extent of open trench is limited. The work will be performed on an expedited basis -- longer work days and weekend work, when practical. All of the above mentioned work will be performed within the limits of the MPT already installed on Atlantic Avenue.
- The contractor completed pile drilling in all areas including 5<sup>th</sup> Avenue/Flatbush intersection. Sewer pipe installation along Flatbush is now complete.
- The contractor continues to perform ancillary work at the recently installed sewer pipe between Flatbush and Atlantic (Block 1118).
- Contractor completed work in Atlantic Avenue related to the cut and cap of an abandoned water main. In accordance with DOT regulations, the soil will be allowed to settle for a period of not less than 6 weeks and the area will be repaved with permanent material.
- Full MPT along Atlantic Avenue between Flatbush Avenue and 5<sup>th</sup> Avenue has been installed. Contractor has installed 8' tall ¾" thick plywood fencing along the concrete jersey barriers in accordance with the Memorandum of Environmental Commitments. Modifications will be made to improve visibility around the ends of the fence
- The contractor completed installation of water main crossing BL 1118 and a branch along Atlantic from the easement westward to a fire hydrant. They will continue with the installation of a branch from the easement toward the east, to another fire hydrant.

This work was required to remove hydrants that were in the construction zone and to maintain fire protection during the work.

- The contractor completed a temporary flume from an existing sewer manhole in Atlantic between 5<sup>th</sup> and 6<sup>th</sup> Avenue to an existing drain line under the former LIRR yard in block 1119. The flume crosses under the footing of the existing retaining wall between the street and the former yard.
- During the course of this work, the contractor may encounter unforeseen contaminants, underground storage tanks or other structures. In the event that this happens and where appropriate, notification will be given to the DEC and remediation steps were implemented.

#### Demolition

- The abatement is complete at 467 Dean Street, 475 Dean and 648 Pacific. Filings for demolition permits are in progress.
- As site control is granted, abatement filings will be submitted on additional buildings in the arena footprint and on Block 1129.
- Demolition of 467 Dean Street and 648 Pacific Street is expected to begin within the two week period.

#### Arena

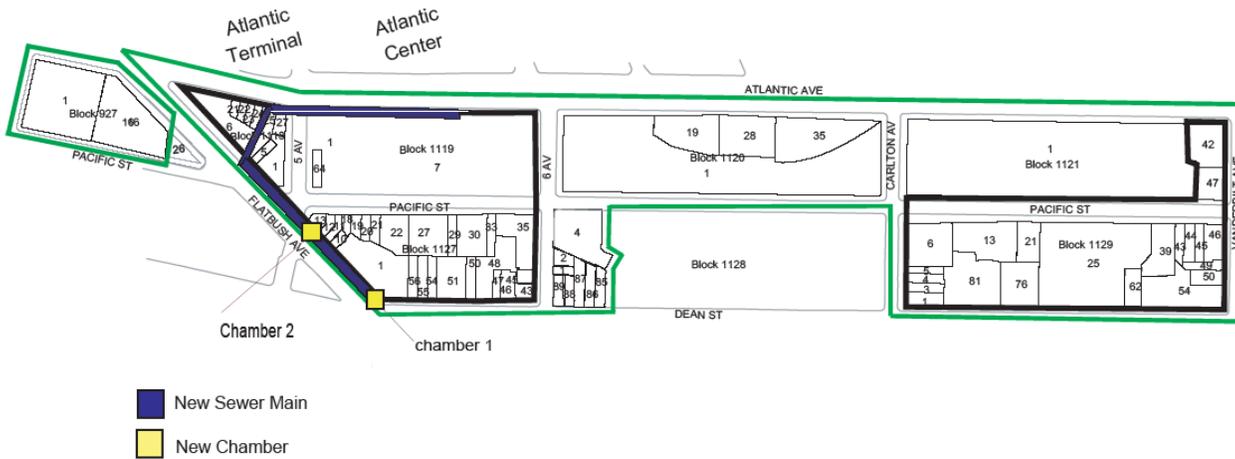
- A fence has been erected along the centerline of Pacific Street between 6<sup>th</sup> Avenue on the east and the end of the arena work zone on the west. The fence will allow unobstructed pedestrian and vehicular passage along the south half of the street from 6<sup>th</sup> Avenue to 636 Pacific Street and will prevent those vehicles and pedestrians from entering the construction zone at the north and west parts of the street. Fence has been installed in accordance with the requirements of DOT, DOB and the Memo of Environmental Commitments. Local and Emergency Access for the resident at 636 Pacific Street will be maintained.
- Drilling activities for the support of excavation for the northeast half of the arena (Block 1119) have commenced will continue north and then west along Atlantic Avenue
- Will commence excavation for the arena foundation in the area of Atlantic Avenue. Work is being done pursuant to Alt 2 permit issued by the DOB.



### Full Street Closures

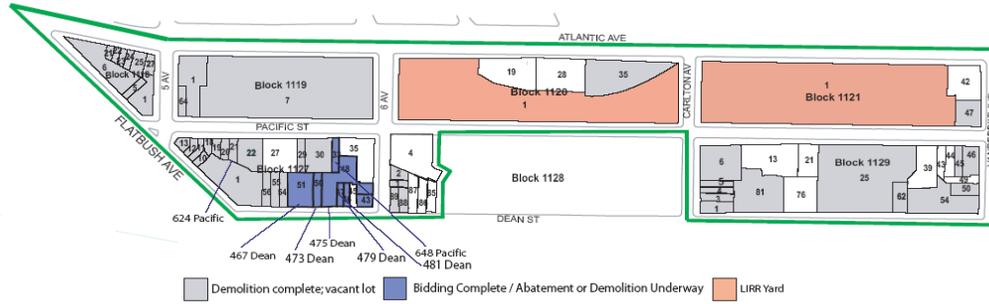
The new traffic flow, implemented as of March 8, 2010, continues to be monitored by the DOT and private transportation consultants. As requested by DOT, NYPD, FDNY, the LIRR or other agencies, slight modifications have been implemented to correct unforeseen problems or improve flow.

## Atlantic Yards Public Utility Infrastructure



as of April 26, 2010

Atlantic Yards Demolition Status



as of April 19, 2010