

RECONSTRUCTION NEWSLETTER

OFFICE OF COMMUNITY AFFAIRS

Manhattan / Winter 2011



Janette Sadik-Khan, Commissioner

11TH AVENUE VIADUCT OVER LIRR YARD WEST 30TH TO WEST 33RD STREETS

CONTRACT NO. HBM1120

PROJECT DESCRIPTION

The New York City Department of Transportation (NYCDOT) Division of Bridges is managing the construction and rehabilitation of the 11th Avenue Viaduct between 30th and 33rd Streets to better serve the community. The project commenced in the summer of 2009, and is scheduled to be completed in September 2011.

WORK COMPLETED



Stage 1B work almost complete.
Preparing for the switch to Stage 2.



Stage 1B work complete.

INTERESTING FACTS

- Almost 1800 tons of concrete have been used for Stage 1B.
- A total of 12 new street lights will be installed on the bridge once complete.
- 161,500 pounds of rebar are being installed on the bridge.
- 110 new bearings were installed.

LOOKING AHEAD

- Continue demolition of the west half section of the viaduct (Sidewalk, parapet and deck removal).
- Start removal of the bearings.

KEY WORDS

Abutment – Substructure unit supporting the ends of a bridge and, usually, retaining the approach embankment.

Cement – Is a binder, a substance that sets and hardens independently, and can bind other materials together. It is a basic ingredient of concrete.

Concrete – Mixture comprised of cement, aggregates, water and other chemical admixtures, poured over metal reinforcement bars, smoothed, and then allowed to harden, forming a solid bridge deck slab.

Parapet – A low wall along the outmost edge of a bridge to protect vehicles and pedestrians.

Pier – Intermediate support for a bridge superstructure, lying between the abutments.

Rebar – (Short for reinforcing bar), also known as reinforcing steel, reinforcement steel, or a deformed bar, is a common steel bar and is commonly used as a tensioning device in reinforced concrete and reinforced masonry structures holding the concrete in compression.

Span – A section between two intermediate supports.

CONTACT US

Please contact Melissa Budsock, NYCDOT Community Liaison, for all project related concerns or to be added to the email distribution list at:

Phone: 212-594-6861 ext. 17

Cell: 917-807-9342

Fax: 212-594-6865

Email: mbudsock@hshassoc.com

Field Office Address: Corner of 11th Avenue and West 29th Street, Manhattan



your city. your needs. your number.