

# BROOKLYN BRIDGE REHABILITATION

Spring 2015



This winter New York City received over 50 inches snow and hosted the second coldest February on record. While these conditions impacted construction, since January crews were able to complete over 300 more steel repairs on the main bridge. In total, the project has now implemented over \$17,000,000 in additional steel repairs to our iconic bridge helping to bring the structure into a state of good repair. Significant demolition and super-slab installation on the Brooklyn approach was also completed in these challenging conditions. Now that Spring has finally arrived, a productive construction season is anticipated in these last phases of the project.



# Coming Up

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A revised completion date for the project was recently issued by NYC DOT extending it to April 2016. In addition to the operations listed below, crews will complete demolition and super-slab installation on the Manhattan-bound roadway in Manhattan and install a new concrete barrier on the Manhattan-bound Adams Street entrance and the Cadman Plaza West exit in Brooklyn. They will completely restore the staging area under the bridge on South Street in Manhattan, as well as reinstall the façade elements that were damaged at the Washington and Prospect Street underpasses in Brooklyn.



For all project related inquiries, or to be added to the email distribution list, contact Alex Rothberg at [brooklynbridgeoutreach@gmail.com](mailto:brooklynbridgeoutreach@gmail.com) 347.647.0876

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Grid deck installation, and concrete closure pours at the North Cantilever and the Pearl St/FDR exit ramp should be completed around late July / early August.



Upon completion of the design of column footings, new columns will be erected under the SB FDR Drive off-ramp, which is anticipated to begin in the late summer.



Final asphalt placement is currently scheduled for June on the Manhattan-bound Brooklyn approach and in September on the Manhattan-bound Manhattan approach.

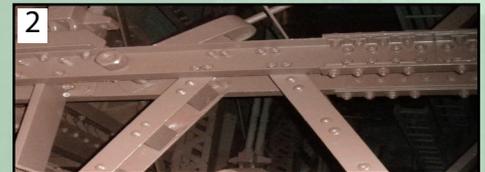


Crews are currently in the final stages of painting operations at Prospect Street. Operations will then commence on the Washington Street and Sands Street Structures.

## The Steel Repair Process



1 Although deteriorated steel is often apparent right away, many more instances are encountered only after removing the paint.



2 In some cases the location of deterioration is painted along with the healthy steel and its location is documented for later repair.



3 Iron workers then return to those locations and replace the deteriorated sections with new steel.



4 The new steel is then painted over again for the final protective coating.