New Kosciuszko Bridge

The 1st Cable-Stayed Bridge in NYC

On behalf of Governor Andrew Cuomo and the New York State Department of Transportation, Skanska USA and joint-venture partners Kiewit and ECCO III Enterprises have made history by bringing the first cable-stayed bridge to New York City. The 78-year-old Kosciuszko Bridge will ultimately be replaced by two new state-of-the-art bridges. The Queens-bound span (Phase I) opened to traffic on April 27, 2017, and is wide enough to carry traffic in both directions until the original bridge is demolished and the Brooklyn-bound span (Phase II) is constructed.

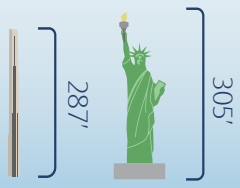
Queens-bound New Kosciuszko Bridge

2017 marks the 200th anniversary of the death of Polish military engineer, ally to the Continental Congress during the war for American independence and one of the founders of the U.S. Military Academy at West point

Thaddeus Kosciuszko

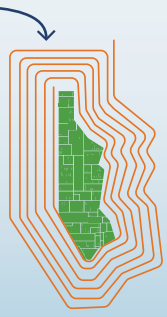
The main span pylons (towers) of the new bridge are

nearly the height of the Statue of Liberty



The main span's stay cables are made up of enough **steel strands**

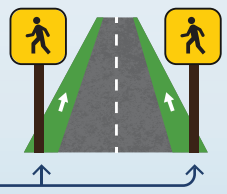
to circle the perimeter of the borough of Manhattan six times



The Kosciuszko Bridge was constructed in

1939

with two pedestrian walkways



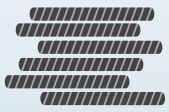
but they were eliminated in 1966 so the original roadway could be widened to accommodate additional travel lanes.

The new Brooklyn-bound (Phase II) bridge bikeway/walkway will be

20 feet wide

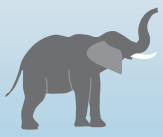
Queens-bound span required approximately

5,147 tons of **rebar**



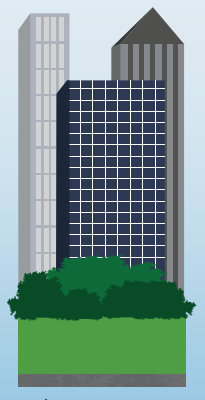
Which weighs as much as

686 elephants



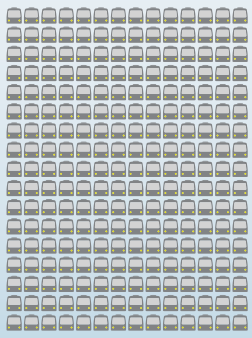
Queens-bound span required approximately 5,700,000 cubic feet of **concrete** on the project. This is enough concrete to cover all

1.3 square miles of Manhattan's Central Park with about two inches of **concrete**



154 **concrete** girders have been installed for the new approaches connecting to the main span in Brooklyn and Queens at a total weight of

19.1 million pounds or 224 subway cars



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Some quick facts about the finished Queens-bound bridge:

1001' long
99' wide
83' tall road deck

5.8 million pounds of **steel**

284 precast **steel** and **concrete** deck panels

998,141 linear feet of strands (roughly 189 miles) in stay cables

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