

137 St - City College

Hamilton Grange National Memorial

135 St M

Park

Smart traffic
intersections are key to
the deployment of autonomous
vehicles in urban environments. Low
latency allows rapid exchange of data
between vehicles, city infrastructure, and
pedestrians, including high-bandwidth
video. Edge computing resources facilitate
real-time computation of positions and
trajectories, and collaborative prediction
of optimal traffic flows using deep
learning techniques.

The Grange 🕡



COSMOS will make extensive use of dark fiber running along the Broadway and Amsterdam Avenue corridors.



The project also provides hands-on STEM training for teachers, students, and West Harlem residents who will be among the first to see and touch technologies still years away from appearing on the market.

Норе 📛

vers' Row 🧲



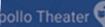
Together with an industry consortium, NSF will invest a total of

\$100 million

in the next seven years to build four wireless testbeds around the country.

Through COSMOS, New York is currently one of only two cities to receive funding (Salt Lake City is the other).

The project is led by
researchers at Rutgers,
Columbia, and NYU—and in
partnership with New York City, Silicon
Harlem, City College of New York, and
University of Arizona. Within Columbia,
it is supported by Columbia Engineering,
DSI, Columbia University Information
Technology, Facilities and Operations,
and the Office of Government
and Community Affairs.



St 💹

FedEx Office Print & Ship Center

The Studio Museum in Harlem

