

## Standing guards

**A** lack of barriers made it possible for Sayfullo Saipov to drive a rental truck down the Hudson River Park Bikeway in an apparent terrorist attack last week. The resulting carnage has led to calls for more bollards—stout concrete or metal posts—to be installed to protect pathways and gathering places from vehicles. Luca Toscano, vice president and project executive at the PJS Group construction company, was at the attack site on Nov. 1 to assess a potential installation.

“If someone were to call me about putting bollards here, I have inside my brain an idea of what it could take,” Toscano said.

Bollards vary depending on where they are installed and what they are intended to protect. While some take the form of long concrete barricades, others are cylindrical and made of heavy steel, like these in Times Square. Toscano said that a single steel bollard can cost between \$3,000 and \$8,000 and take several days to install. PJS Group has previously planted them at Brookfield Place and the World Trade Center memorial, and Toscano expects more public projects to be up for bidding soon. “Based on the incident that just happened,” he said, “I can forecast that there will be more demand.” — GERALD SCHIFMAN