



Tropicana Parking Garage



OWNER | Tropicana Hotel & Casino
 LOCATION | Atlantic City, New Jersey
 FACILITY TYPE | Hotel parking garage

PROJECT BACKGROUND

During the construction of a 10-story parking garage for Atlantic City's Tropicana Hotel & Casino, a subcontractor was pouring a concrete deck when five stories collapsed. Four employees were killed and more than 21 workers were hospitalized.



Brandenburg was contracted to develop a strategic plan to perform the safe removal of the collapsed portion of the parking structure. To gain access to the site, Brandenburg developed an innovative concept to build a temporary work platform adjacent to the damaged area. Shoring was installed to support the adjacent undamaged floors and a tieback system was also used to secure the unstable decks and columns. Brandenburg worked a total of 200,000 hours; 24 hours per day, seven days per week without a single accident, incident of property damage, or safety violation.



SCOPE OF WORK

Developed a strategic plan to remove collapsed structure

Installed shoring to support the adjacent undamaged floors

Installed a tieback system to secure unstable decks and columns

Constructed a 250' x 30' x 90' high steel work platform

Utilized a 550-ton crane to hoist a 115,000 pound excavator and other various equipment to the top of the work platform

Performed work under the direct supervision of OSHA inspectors and forensic investigators

Performed a "surgical" demolition process so as not to compromise ongoing forensic investigations

Segregated and hauled selected material to a designated 5-acre site staged for forensic evidence

Performed pre-construction work

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