



## **MTAC&D EAST SIDE ACCESS - 270 PARK AVENUE PMC**

### **DESIGN MANAGEMENT AND OWNER'S REPRESENTATIVE SERVICES**

### **DESIGN AND CONSTRUCTION COORDINATION WITH 270 PARK OVERBUILD**

MTAC&D's East Side Access (ESA) is an \$11 billion rail infrastructure project to extend Long Island Railroad service to Midtown East in Manhattan within and below the existing Grand Central Station. The project includes new tracks, rail tunnels, and platforms connecting LIRR tracks from Queens to Grand Central, and new passenger concourse stories below the existing Grand Central concourse.

Developers are constructing new high rise buildings in Midtown Manhattan including the 270 Park Avenue JP Morgan Chase Headquarters. GMA Engineering provided design management and owner's representation for MTAC&D in the integration of the design and construction of 270 Park Avenue with ESA. The foundations and shear walls of the 270 Park building intersect the new ESA passenger concourse and directly and indirectly load the new ESA tunnels. GMA oversaw the design and integration of these two projects which required that teams reimagine and redesign the ESA concourse floorplan and perform tasks including studying impacts to the tunnels, redesign of ESA concourse structures and MEPs, demolition of previously constructed ESA concourse, updating studies on egress and life safety, design and installation of new methods of water and fireproofing between the MNR and LIRR levels around building shear walls, coordination and phased demolition and construction with adjacent contractors and third parties to maintain overall project schedule, and following through with construction and construction support services through project completion.

Phone: (917) 765-8187  
Email: [info@gma-eng.com](mailto:info@gma-eng.com)  
Website: [www.gma-eng.com](http://www.gma-eng.com)

