



Project Information

- **COMPLETION DATE:**
2007
- **CONSTRUCTION PRICE:**
\$217 Million
- **750,000 SF-3-story
Operations & Maintenance
Facility.**
- **First Green Bus Facility of
its Kind with State-of-the-
Art Systems, Design and
Facilities.**
- **First of its kind Third Party
Commissioning Program
Design to Close Out**

*Work performed for this contract
by Transit Resources staff.*

With a fleet of 1,336 buses, New York City Transit (MTA Bus) has one of the largest bus operations in the United States and Canada, serving 368,000 riders daily. Between 2005 and 2007, MTA purchased 475 new high capacity, high customer amenity express buses and 284 new environmentally friendly hybrid electric local buses. MTA has ordered an additional 105 low-floor hybrid electric buses for delivery in 2009.

Under a design-build contract, Granite Halmar and designer Gannett Fleming constructed the new Grand Avenue 750,000 SF, 3-story operations and maintenance complex in Maspeth, Queens. The first floor provides space to fuel, service, bus wash and a storeroom and repair a fleet of 200 buses (29 bus workstation bays). A first-floor mezzanine provides offices and support areas for NYC Transit staff. The second floor houses a central maintenance facility (CMF) for operations and CMF staff.

Work performed as a second tier subcontractor for Five Star Electric Corporation for this Design-Build contract involving design and construction of this depot & central maintenance facility and green design elements (energy conscious features, materials, design flexibility and indoor air quality). Transit Resources (TR) scope of work for systems included installation oversight, testing and commissioning, training, final as-builts, punch-list and project close out services of overhead rollup doors and grills, UPS, backup generator, fire protection, building management, data communications – Ethernet WAN and LAN (over 1200 data jacks), access control system, CCTV, intrusion detection, property protection offices/guard booth systems for 5 controlled employee/pedestrian access points and 12 vehicular controlled access points, bus traffic control systems, telephone paging, copper and fiber voice, data, and video transmission systems, and many other support systems for this dual fuel facility (CNG and Diesel). Transit Resources worked with the owner's Independent Commissioning Agent and developed the comprehensive functional tests and documentation plan for the systems within TR's scope of work.

About Transit Resources

NYC Transit is the first public agency in America to have an Environmental Management System (EMS) certified to ISO 14001.

Transit Resources is building the company on the reputation of its principle founders. Well-known throughout the New York transportation industry, we take pride in being knowledgeable of transportation work with a proven successful track record.

Our people have built rail and transit systems, roadways and bridges, tunnels, airports, state-of-the-art maintenance facilities, communication and power systems, and security systems. We bring an outstanding record for using innovative solutions that saves time and money, removes unnecessary expenditures, incorporates material and systems life-cycle benefits and applies proven construction practices.