

Assistant General Manager for Design and Construction

■ Design and Construction



Design and Construction

With over \$1 billion worth of active construction currently underway, the Design and Construction Department administers and manages all construction projects within the MBTA's Capital Investment Program (CIP). These projects include: the Green Line Station Access Improvements, the Blue Line Stations and Maintenance Facilities Modernization, upgrades to four Red Line stations in Dorchester, initiation of design for Fitchburg Line improvements, and advance of design for Elevator Program that includes upgrading existing cabs and the installation of new elevators to increase reliability/serviceability and upgrade safety features.

In addition, the Fairmount Commuter Rail Line is undergoing substantial improvements with the bridges undergoing rehabilitation, along with the signals, and interlocking upgrades and new station design. The Department has completed contracts for the new Charles/MGH Station on the Red Line and begun revenue operation of the Greenbush Commuter Rail Line; completed improvements to the Mattapan Hi-Speed Line and Fields Corner Station; and continued design and construction initiatives to support the fueling and maintenance of our Compressed Natural Gas (CNG) bus fleet. The Department is responsible for design, project management and scheduling, quality control, and coordination of environmental, operational, and community relations activities relating to the Capital Investment Program.

The Department's Design Division continues to provide in-house design support, resulting in significant savings on consultant contracts, improved quality, reduced design time, and a stronger link among the Design and Construction, Operations, and Development Departments.

PROGRAM	ACTIVITY	MEASURE	FY09 BUDGET
Program Management	Implement systems to improve management of projects	Successful implementation	\$ 5,145,855
	Implement improved project control systems using newest information technology	Successful implementation	
	FTA Grant Management	Timely reporting and closeout	
	Implement a Quality Assurance Program, which includes audits, inspections, and a management information system	Successful implementation	
Project Management	Oversee the design, construction, and contractual agreements for specific projects	Ensure projects are completed on schedule and within budget	\$ 9,151,593
TOTAL BUDGET			\$14,297,448

Note: The above expenses are funded 100% from capital funds and do not affect the FY 2009 operating budget.