



Old Colony Railroad Rehabilitation: Greenbush Technical Engineering Oversight Braintree, Scituate, Cohasset, and Weymouth, Massachusetts

Date of Performance: 2003–2006

Client: Massachusetts Bay Transportation Authority

PAL is currently assisting the Massachusetts Bay Transportation Authority (MBTA) with the technical design and construction oversight of cultural resources for the Old Colony Railroad Project, Greenbush Section. PAL's cultural resource services involve all three phases of the project from pre-construction, construction, and post-construction activities. The cultural resource services are being conducted in accordance with the various mitigation measures and other related construction mandated by the stipulations in the Section 106 (of the NHPA) Programmatic Agreement (PA) for the project.

The pre-construction phase involved PAL's assistance with design review, budget and schedule elements pertinent to cultural resources and the Section 106 PA. These tasks relate to the oversight of cultural resources in the areas of QA/QC activities; the job description and selection process for the project conservator; recordation of historic properties; identification and protection of archaeological properties; cultural resource training for unanticipated discoveries including unmarked human burials; general design standards to resolve project effects to historic properties; mitigation for historic properties related to the right-of-way, stations and parking areas, grade crossings, noise and vibration, traffic and access, visual and setting effects, and other effects and mitigation measures specified in the PA and its attached documents. PAL is also assisting the MBTA and the project team in coordination with the project conservator, various Section 106 participants, and the public, as appropriate and specified in the PA.

During construction, PAL is continuing to assist the MBTA and the project team in office review and field inspections of the Design/Build team's documents and construction



Section of the Greenbush Line

activities pertinent to oversight of cultural resources and the Section 106 Programmatic Agreement. In addition to any ongoing functions from the pre-construction phase, PAL coordinates with the project conservator and reviews planning of construction activities, unanticipated discoveries of historic properties, emergency situations, and any other activities as specified in the PA and its attached documents.

In the post-construction phase, PAL will assist the MBTA and the project team through review of the project monitoring plan and oversight of the project conservator's implementation of the monitoring plan, as well as oversight of any other activities as specified in the PA and its attached documents.

PAL SERVICES

- **SECTIONS 106 CONSULTATION**
- **DESIGN AND CONSTRUCTION OVERSIGHT**
- **REVIEW ALL CULTURAL RESOURCE MANAGEMENT METHODS AND PROTOCOLS**
- **INSURE ADHERENCE TO PROGRAMMATIC AGREEMENT**