



**Project Name**

Metro Solutions – Rail System  
Phase I & II

**Completion Date**

2014

**Location**

University Corridor  
Uptown – Post Oak Corridor  
East End – Harrisburg Corridor  
North – North Main-Fulton Corridor  
Southeast – Scott St. – MLK Corridor

**Owner**

Houston Metro System  
1900 Main Street  
Houston, Texas 77208-1429  
Mr. Jerome Swift  
832-608-2514

**Construction / Entire Project Cost**

Estimated \$2.0 Billion

**Firm’s Responsibility**

ECMS, Inc. was awarded the task of evaluating a 10-mile study area with 20 miles of possible transportation route for Metro. This evaluation includes possible land acquisition, displacement and relocation of existing residential and business properties, locating possible historic, archaeological and cultural resources, identifying parklands and recreational areas, conducting noise and vibration impacts, traffic impacts, visual impacts, assessing possible removal of trees and landscaping, flooding and safety. The information provided by ECMS field studies and value engineering is incorporated in a Draft Environmental Impact Statement (DEIS) for application to the Federal Government for future funding.

ECMS was additionally employed by URS-Washington Group to be the Environmental Liaison during the Phase II investigations and planning of the Rail System Alignments. Coordinated efforts was implemented to assure logistical and planning of environmental





Phases II & III activities were conducted within strict state and federal regulations, budget and scheduled within a proper time span pleasing to the Metro and the community.

ECMS was employed by Metro Solutions in the Phase II program to provide Construction Management and Subsurface Utility Relocation Inspection. ECMS managed the removal of soils along newly acquired right-of-way for its light rail project. This new right-of-way would contain utilities that were relocated to accommodate light rail placement. ECMS was responsible for managing the removal, storage and placement of soils from existing City of Houston right-of-way. We provided Quality Assurance Inspectors that documented the removal process, the condition of the soils, the volume removed, the storage and inventory of soils and placement of the soils back in the newly acquired right-of-way. It required day to day documentation while at the worksite during the course of business. We also provided safety oversight as one of our responsibilities and this entailed knowledge of trench safety according to OSHA standards.