



PROJECT: St. Louis Light Rail
Metro Link
Taylor to Airport Segment

CLIENT: Kloster Construction Company

LOCATION: St. Louis, Missouri

CCL was retained by Kloster Construction Company to prepare the CPM schedule on the \$27.5 million Taylor to Airport segment of the St. Louis Metro Link Rail System. The Metro Link project includes 18 miles of a double track light rail system from Lambert International Airport to East St. Louis. The total project cost is approximately \$288 million.

The Taylor to Airport segment project included 8.5 miles of preparation work for trackwork including station platforms, track route clearing and grading, tunnelling, bridges, and the sub ballast for the Metro Rail track. The project was bid in segments by the Bi-State Development Agency. Other segments included Taylor to 8th Street; Eads Bridge, Tunnel and Approach; and East St. Louis East Approach. Separate contracts were also let for installation of the Track, Track Power, Station Finishes, Signaling and Communications, and Service and Maintenance Facilities.

The schedule was developed using sub-networks at various stations and areas of the project. Sub-networks included procurement, demolition, tunnels, platforms, ramp foundations, bridges, retaining walls, drainage and paving at grade intersections, utilities and sewers and curb walls. The activity numbering was compatible with project requirements. Activities were dollar loaded and coded to identify location of work, specification section, and responsibility codes for owner, contractor and subcontractors.

CCL prepared the schedule using the Primavera scheduling system. The schedule was downloaded to Bi-State Development Agencies' project management team's scheduling system and to Kloster's in-house Primavera scheduling system.