

Figure 7.7
Example Dynamic Message Sign Sequence



The C-470 toll facility would be monitored by pan-tilt-zoom video cameras positioned throughout the corridor to observe traffic conditions and alert facility personnel of incidents. At the toll gantries, video surveillance will provide violation enforcement.

7.2 COST ESTIMATES

Cost estimates were compiled for use in the financial feasibility calculations. The estimates included roadway capital costs, roadway operations and maintenance (O&M) costs, toll equipment capital costs, and toll equipment O&M costs. The capital costs were compiled from recent local and national unit costs for similar items. The roadway O&M costs were compiled based on 3-year historical averages for the C-470 corridor, while the toll equipment O&M costs were compiled based on national averages from similar toll facilities.

7.2.1 Roadway Capital Costs

Before beginning design of any corridor improvements, unit costs from CDOT construction projects completed in 2004 were compiled to develop average unit costs for bid items. These unit costs were then used to develop cost estimates used in the