9. SYSTEM TROUBLE-SHOOTING

The goal of system trouble-shooting is to ensure that the weigh-in-motion (WIM) system will function properly throughout the site design life. The principle guidelines shown in Table 9.1 should be followed to meet this goal.

Figure 9.1
Trouble-Shooting Principles Checklist

	Trouble-Shooting Principles
9.1	Follow a logical trouble-shooting process.
9.2	Devote adequate financial and technical resources to support an efficient and effective trouble-shooting process.

9.1 LOGICAL TROUBLE-SHOOTING PROCESS

The trouble shooting process begins with site selection and continues throughout the "site design life." One of the main aspects of this process is to follow the guiding principles listed in each section. The process includes failure detection, analysis, and corrective actions.

9.2 REQUIRED RESOURCES

Throughout the "site design life" adequate financial and technical resources need to be devoted to the program. These resources are included for other areas of the WIM operating procedures. Quality Assurance and site maintenance are areas where financial and technical resources are very important.