

## **Mobile Capture Reporting (MCR) System and related management systems**

The Illinois Department of Transportation

**Planned Cost: 2,152,850**

**Actual Cost: 1,500,000**

### **Agenda Goals:**

The Division of Traffic Safety continues to develop policies and programs that are dedicated to the improvement of highway safety. The Illinois Mobile Capture Reporting (MCR) system specifically addresses the following National Safety Council's national agenda. Goal I: To instill an appreciation of the value of highway safety information systems among state, national, and local leaders who have a responsibility for developing and managing highway transportation safety policy. Goal II: To establish a means by which collection, management, and use of highway safety information could be coordinated among all organizations at all jurisdictional levels with responsibility for highway transportation policy. Goal III: To integrate the planning of highway safety programs and highway safety information systems. Goal IV: To provide managers and users of highway safety information with the resources needed to select appropriate technology to support their information needs. Goal VI: To establish and promote technical standards for characteristics of highway safety information systems that are critical to the development and management of highway transportation safety programs and policies.

### **Strategic Plan:**

Section(III.) C. "Promote the Development of a User Friendly Data Input/Access System" published in the Illinois State Traffic Records Coordinating Committee Data Linkage Strategic Plan, December 2000.

### **Project Benefits:**

- Improve public safety
- Reduce manual efforts
- Improve the effective use of available funds (e.g. Hazard Elimination)
- Improve crash data quality
- Reduce time required to complete a crash report
- Improve locating crash sites
- Increase access to crash data
- Make all crash report data fields available electronically
- Provide timely crash data
- Increase IDOT's claims for damage done to state property (e.g. guardrails)
- Improve electronic service to the public
- Provide MCR to law enforcement agencies at no cost for the software

- Reduce IDOT's printing cost for providing current paper crash reports to law enforcement
- Eliminate legibility problems of crash reports
- Improve availability of crash data for analysis
- Improve timeliness of producing crash analysis outputs
- Eliminate duplicate entry of crash data
- Provide electronic crash data to local government agencies
- Reduce effort and time required within law enforcement to approve crash reports
- Improve crash scene safety by reducing time required on-scene
- Reduce personnel costs associated with crash reporting
- Make more strategic use of personnel

**Narrative:**

The major goal of MCR is to leverage the use of available technology to improve the quality, accuracy and timeliness of crash reporting and reduce the time, effort and cost required by law enforcement and IDOT personnel. Ultimately, MCR places crash data into the hands of highway safety improvement decision makers in real time.

**Major Processes:**

- Planning
- Business requirements and definition
- Design and development
- Testing

Rollout to be conducted in January 2004 with the Illinois State Police

**Meet Benefits:**

Early indications have shown that MCR will meet or exceed all project goals and objectives. Initially, IDOT felt our first hurdle in the "rollout" phase would be a marketing problem, however due to the overwhelming demand IDOT's biggest hurdle will be from a supporting perspective.