

## APPENDIX B

# Synopsis of Pilot Testing Scenario

Organization: **Kansas City Scout**

Kansas City Scout (KC Scout) is a comprehensive traffic and incident management system designed to address the traffic impacts on over 90 miles of contiguous freeways in the bi-state Kansas City metropolitan area. The Missouri Department of Transportation (MoDOT) and the Kansas Department of Transportation (KDOT) jointly operate the system. Scout integrates 102 closed circuit television (CCTV) cameras, 36 dynamic message signs (DMS), 248 vehicle detector stations (VDS), a highway advisory radio (HAR) system, and a dynamic web site, [www.kcscout.net](http://www.kcscout.net).

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The performance measures KC Scout plans to pilot test:

- Recurring Delay
- Speed
- Incident Duration

Performance measures for the category **Recurring Delay** will cover Interstate 70 from 18<sup>th</sup> St. to the Interstate 470/ Hwy 291 interchange. The data requirements are vehicle demands and volume. The dates of measurement will be from April 1, 2007 to April 30, 2007. In the category of **Speed**, the source for data collection will be based on statistics from Kansas City Scout Quarterly Report covering the first quarter of 2007. The data requirements are speed and volume for a single loop. Lastly for the category of **Incident Duration** the locations for measurement will review 3 of the major arteries of the Scout system Interstate 70 in Missouri, Interstate 35 in Kansas and Interstate 435 in both Kansas and Missouri. The requirements are Incident Notification and Incident Removal which are both noted by the Scout Advanced Transportation Management System. The dates of review are from July 1, 2006 to June 30, 2007.

# Metropolitan Kansas City Area

