

Synopsis of Pilot Testing Scenario

Organization: City of Overland Park, Kansas

Description of transportation network managed by the volunteer organization:

Overland Park manages a city street network consisting of approximately 750 centerline miles, 250 traffic signals, over 6,000 intersections and a population just under 170,000. Overland Park is the second largest city in the State of Kansas and is located in the Kansas City Metro Area.

Primary Point of Contact:

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Indicate the performance measure your organization plans to pilot test:

- | | |
|--|---|
| <input type="checkbox"/> Recurring Delay | <input type="checkbox"/> Non-Recurring Delay |
| <input type="checkbox"/> Extent of Congestion - Spatial | <input type="checkbox"/> Extent of Congestion – Temporal |
| <input checked="" type="checkbox"/> Travel Time - Facility | <input type="checkbox"/> Travel Time – Trip |
| <input type="checkbox"/> Travel Time – Trip | <input type="checkbox"/> Speed |
| <input checked="" type="checkbox"/> Incident Duration | <input checked="" type="checkbox"/> Customer Satisfaction |
| <input type="checkbox"/> Throughput - Vehicle | <input type="checkbox"/> Throughput - Person |

Provide a brief description of the pilot test. Indicate the locations, types of facilities, data requirements, data collection techniques (where alternatives exist), and anticipated dates of data collection (or dates of archived data) as appropriate.

Travel Time – Facility: OP conducts a number of travel time runs on its coordinated arterials each year using the floating car method. These runs are used mainly for signal timing purposes. This information is available going back to 1994. In two different years (1995 and 2000) travel time runs were also conducted while the signals were running uncoordinated during the peak periods to observe the overall benefit of coordination.

Incident Duration: OP has 45 CCTV cameras throughout the city. Our traffic operations personnel are collocated with the 911 dispatchers which makes for a great partnership. We do not have this data but will be able to collect it from this point forward.

Customer Satisfaction: OP has seven dynamic message signs (DMS) on its local arterial network. A customer survey was conducted in the fall of 2006 to gauge the usefulness of these arterial DMS.