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16. Abstract (Limit: 200 words) <p>The envisioned operational tests of Advanced Traveler Information Systems (ATIS) and Advanced Traffic Management Systems (ATMS) in the Minneapolis/St. Paul area call for the provision of timely and reliable travel times over an entire road network. Unfortunately, travel time cannot be directly measured by certain new detection technologies, such as Automatic Vehicle Identification (AVI) or Automatic Vehicle Location (AVL) systems, these new technologies are not widely deployed and are much more costly than loop detectors. Finding an accurate way to estimate link travel time using loop detector data offers great economic benefits. This project examines the development of improved arterial travel time models. In the project's first phase, researchers reviewed existing travel time database. The project's second phase will seek to develop and evaluate new travel time estimation models.</p>			
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