

Freeway Operations Status Report

Denver, Colorado

June, 2000

Colorado Transportation Management Center (CTMC)

Work on the CTMC system continues on an extended schedule. Tasks that are considered as a high priority include upgrading of the existing CCTV system and the installation of an ITS network. The ITS network will provide for the exchange of video and other information among several jurisdictions in the Denver and Colorado Springs areas. Smart Routes has begun operations and is providing traveler information from the CTMC to the public and others using the Internet, a cellular *211 number and an improved landline phone system.

Denver I-25 HOV Extension

A project to provide a direct connection from the North I-25 HOV lanes to the US 36 HOV lane is scheduled to be completed this winter. The I-25 Traffic Management System (TMS) is undergoing a complete rewrite of the software and will include NTCIP drivers for the dynamic message signs. The project will also provide additional CCTV s and a new communications hub.

Ramp Meter — Traffic Signal Coordination Research Project

Work to develop an algorithm that will account for the presence of a metered ramp at an interchange with traffic signal controls is in its second year. Preliminary results indicate that the spreading of queues on several approaches of nearby signals may have a beneficial impact to traffic flows at and around an interchange.

Southeast Corridor (I-25)

In November, the voters passed a referendum that allows the Colorado DOT to bond up to \$1.7B for the rebuilding of 14 miles of I-25 in the Southeast portion of the Denver metro area. The work will be done as a design/build project and will include additional lanes and a new LRT line. This project will also include all permanent and construction traffic controls including ITS systems for both the highway and transit elements of the project. The RFP will outline performance criteria of the ITS systems but will not define, in many cases, the specific technologies for deployment. The RFP will also outline the resources that will be available to the contractor such as communications networks, personnel and commitments local agencies. The contractor will also be responsible for development of an incident management plan during construction. A draft of the RFP will be available for public review in July. Final award of the project is expected next summer.

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