



SACOG Board of Directors

Item #06-4-30
Receive & File

April 13, 2006

ITS STARNET and Emergency Response

Issue: SACOG and the ITS Partnership are in the process of designing STARNET, a regional ITS communications system dedicated for traffic, transit, and emergency service operations.

Recommendation: Receive and file.

Committee Action/Discussion: The Transportation Committee reviewed this item. STARNET (Sacramento Transportation Area-wide Network) will be a region-wide communications system that will enable traffic, transit, and emergency service agencies to integrate their systems to coordinate operations and information sharing. Functionality that will result from STARNET includes: cross-jurisdictional signal coordination, Bus Rapid Transit, data archiving and dissemination, 511 traveler information, and enhanced emergency response. SACOG is currently conducting “systems engineering” for STARNET, a project that will assess stakeholders’ needs and functional requirements and specify high-level system design to meet those needs. This will be followed by detailed design and deployment of STARNET.

Most traffic and transit operators in the region participate in the ITS Partnership and have been anxious to have such a system, as it will allow them to see system operations from a regional perspective, setting a broader context for enhancing local operations. Recently, there has been increased involvement of emergency service personnel, who see similar benefits from STARNET. While flood response and evacuation is a prominent concern of late, it is one of many emergency scenarios where these stakeholders are finding value in the capabilities of STARNET. Staff and the systems engineering consultant have been interviewing emergency service staff throughout the region to better understand how to design STARNET to meet their needs.

Slides from a presentation describing STARNET and the systems engineering are attached.

Approved by:

Mike McKeever
Executive Director

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Attachment

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