Project Description: The Regional Transportation Commission (RTC) formed FAST to manage the Southern Nevada transportation network. 
- FAST is an integrated ITS organization with involvement from all local jurisdictional partners.
- Responsible for both the regional freeway and arterial network.
- FAST monitors traffic through extensive video imaging, CCTV, and inductive loop detection.
- FAST controls traffic through signal systems, ramp meters, DMS and lane use control signs.

Results:
- Coordinated decision-making among jurisdictional partners.
- Rapid build-out of ITS infrastructure throughout the Las Vegas region.
- Decrease in non-recurrent delay
- Improved incident management
- Better informed public on traffic conditions.

Cost: Major costs are system-wide ITS infrastructure, TOC development, with minor costs associated with intra-agency coordination efforts, and performance evaluation work. However, collaboration created efficiencies and reduces duplicative efforts.

What’s in it for me?
- Coordinated signals can reduce traffic delay from 15-40% and travel time by up to 25%
- Ramp meters can reduce peak period collisions from 15-50% and increase travel speed (8-16%)
- Traffic incident management through CCTV cameras and video imaging can reduce effects of roadway lane closures from 14-28% and incident clearance times from 37-51%

Contact: Mary Martini, District 1 Engineer, Nevada DOT, mmartini@dot.state.nv.us

Keywords: management, coordination, ITS, freeways, arterials, ramp meters, signals, operations