

**KCATT MEETING
MINUTES
September 28, 2004
ITD District 1 Conference Room
Coeur d'Alene, Idaho**

Call to Order:

Chair Joe Wuest called the KCATT meeting to order at 8:00a.m.

Approval of the August Minutes:

Sean Hoisington made a motion to accept the August 24, 2004 minutes with the following correction on page 2: “ Kevin Howard reported Worley Highway District was continuing work on the Rockford Creek project”. The motion was seconded by Kelly Brownsberger, which passed unanimously with the correction.

**Presentation - Transportation Management Center Presentation
Intelligent Traffic Systems (ITS)**

Ken Knutson, manager of the Spokane Regional Transportation Management Center gave a presentation detailing the organizational structure and the TMC's functions and operations. Intelligent Transportation Systems (ITS) include a variety of technologies used in solving some of the challenges of transportation. Knutson explained the TMC is a partnership of jurisdictions that provides Intelligent Transportation Systems (ITS) for area road networks and is housed at the Spokane Regional Transportation Council office. Glenn Miles stated the fundamental philosophy of ITS is to provide the driver information so they can make better choices. Miles further explained the goal is to build a transportation only fiber optic system to manage the demands of transportation information. Knutson took the KCATT members on a tour of the TMC control room for a demonstration of the operations. The central hub, which houses the server, the video controllers and traffic controllers, were also toured.

Next meeting – October 26, 2004

The meeting was adjourned at 10:45 a.m.

TANNA DOLE
Recording Secretary

What Is ITS?

Intelligent transportation systems, or ITS, encompass a broad range of wireless and wireline communications-based information, control and electronics technologies. When integrated into the transportation system infrastructure, and in vehicles themselves, these technologies help monitor and manage traffic flow, reduce congestion, provide alternate routes to travelers, enhance productivity, and save lives, time and money.

Intelligent transportation systems provide the tools for skilled transportation professionals to collect, analyze, and archive data about the performance of the system during the hours of peak use. Having this data enhances traffic operators' ability to respond to incidents, adverse weather or other capacity constricting events.

Examples of Intelligent transportations systems include:

Advanced Traveler Information Systems deliver data directly to travelers, empowering them to make better choices about alternate routes or modes of transportation. When archived, this historical data provides transportation planners with accurate travel pattern information, optimizing the transportation planning process.

Advanced Traffic Management Systems employ a variety of relatively inexpensive detectors, cameras, and communication systems to monitor traffic, optimize signal timings on major arterials, and control the flow of traffic.


Incident Management Systems, for their part, provide traffic operators with the tools to allow quick and efficient response to accidents, hazardous spills, and other emergencies. Redundant communications systems link data collection points, transportation operations centers, and travel information portals into an integrated network that can be operated efficiently and "intelligently."

Technology Solution for Transportation

New applications and technologies are being developed every day. Better-known examples of ITS technologies include:

- On-board navigation systems
- Crash notification systems
- Electronic payment systems
- Roadbed sensors
- Traffic video/control technologies
- Weather information services
- Variable message signs
- Fleet tracking and weigh in-motion technologies

The future of ITS is promising. Yet, ITS itself is anything but futuristic. Systems, products and services are already at work throughout the country. Still, the wide-scale development and deployment of these technologies represents a true revolution in the way we, as a nation, think about transportation.



Fulfilling the need for a national system that is both economically sound and environmentally efficient requires a new way of looking at -- and solving -- our transportation problems. The decades-old panacea of simply pouring more and more concrete neither solves our transportation problems, nor meets Congress' broad vision of an efficient transportation system.

Traffic accidents and congestion take a heavy toll in lives, lost productivity, and wasted energy. ITS enables people and goods to move more safely and efficiently through a state-of-the-art, intermodal transportation system.
