

# Intelligent Transportation Systems

## Fiscal Year 2006

July 1, 2005 - June 30, 2006

The Nebraska Department of Roads' Intelligent Transportation System (ITS) Program delivers proven transportation technologies designed to increase the safety, mobility and efficiency of the traveling public. Key improvements in Fiscal Year 2006 include the installation of traffic cameras along the Nebraska I-80 corridor, phase two of the installation of dynamic message signs, installation of traffic sensor systems at key locations throughout Nebraska's urban areas, the development of an urban freeway management system in Omaha and various partnership projects. Active transportation management strategies and improved traffic incident management coordination will smooth travel for both the daily commuter and the high volume of commercial vehicle traffic concentrated in Nebraska's urban areas.

### Ongoing Projects

<b>Project/ Element No.</b>	<b>Project Name</b>	<b>Est. Cost (\$1,000)</b>
ITSN(2) - 2a	Statewide (DOC) Design/Software Functional Design.....	\$ 900
ITSN(2) - 2b	Statewide Software Development/Implementation.....	1,250
ITSN(2) - 2c	Statewide Software System Manager .....	600
ITSN(2) - 3a	FMS Planning & Preliminary Engineering Study .....	250
ITSN(2) - 3b	FMS Design.....	400
ITSN(2) - 3c	Omaha/D-2 Software Functional Design.....	250
ITSN(2) - 3d	Omaha/D-2 Software Development and Implementation.....	750
ITSN(2) - 3e	Omaha/D-2 Software / Systems Manager .....	350
ITSN(2) - 3f	Hardware / Video Design .....	200
ITSN(2) - 4a	Omaha DMS and Traffic Signal Coordination .....	150
ITSN(2) - 4b	Mobile Operations Center Demo.....	40
ITSN(2) - 4c	TIM Planning Activities.....	50
ITSN(2) - 4d	RYDE.....	60
ITSN(2) - 4f	SSC Signal System Interconnect - Phase I .....	50
ITSN(2) - 4g	Rural (D-3) Winter Snowplow Mgmt. System Demo .....	65
ITSN(2) - 4h	Outreach & Coordination.....	14
ITSN(2) - 5	Evaluation Program .....	300
ITSN(3) - 1a	Phase III - Dynamic Message Sign Construction .....	3,500
ITSN(3) - 1b	Traffic Camera Installations.....	1,152
ITSN(3) - 1c	DMS Message Sets & Alternate Route Plans/Incident Detection	250
ITSN(3) - 2a	District 1 - City of Lincoln Camera Integration .....	40
ITSN(3) - 2b	RYDE - Mobile Data Terminals - Phase II.....	50
ITSN(4) - 1	Omaha Freeway Management System Instrumentation .....	4,000
ITSN(4) - 2	Statewide Communications Improvements .....	750