





# **Illinois Statewide Intelligent Transportation Systems (ITS) Architecture and ITS Strategic Plan**

## **STATEWIDE ITS STRATEGIC PLAN**

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Prepared by



for



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AAMVNET	Association of American Motor Vehicle Administrators Network
AASHTO	American Association of State Highway and Transportation Officials
AFT	Automatic Funds Transfer
AHS	Automated Highway System
APCO	Association of Public Safety Communications Officials
ASPEN	Commercial vehicle reporting system software
ASTM	American Society for Testing and Materials
ATIS	Advanced Traveler Information System
ATMS	Advanced Traffic Management Systems
AVI	Automatic Vehicle Identification
AVL	Automatic Vehicle Location
BNPTS	Bloomington-Normal Public Transit System
CAA	Clean Air Act
CAD	Computer-Aided Dispatch
CAPRI	Audit inspection software
CATS	Chicago-Area Transportation Study
CCTV	Closed-Circuit Television
CDL	Commercial Drivers License
CDLIS	Commercial Drivers License Information System
CDPD	Cellular Data / Packet Data
CI	Credentialing Interface
CIPT	Central Illinois Public Transit
CMAQ	Congestion Mitigation and Air Quality (Improvement Program)
CMS	Central Management Services
CUUATS	Champaign-Urbana Urbanized Area Transportation Study
CUMTD	Champaign-Urbana Mass Transit District
CVIEW	Commercial Vehicle Information Exchange Window
CVISN	Commercial Vehicle Information Systems and Networks
CVO	Commercial Vehicle Operations
DATS	Danville Area Transportation Study
DMS	Dynamic Message Signs
DMV	Department of Motor Vehicles
DOT	Department of Transportation
DPTS	Decatur Public Transit System
DSRC	Dedicated Short Range Communications
EAS	Emergency Alert System
EFT	Electronic Funds Transfer
EMC	Emergency Management Center
EOSS	Electronic One-Stop Shopping
EPV	Emergency Patrol Vehicle
ESDA	Emergency Services and Disaster Agency
ETC	Electronic Toll Collection
ETP	Emergency Traffic Patrol
ETSA	Emergency Telephone System Act

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ETSB	Emergency Telephone System Board
FCC	Federal Communications Commission
FHWA	Federal Highway Administration
FMCSA	Federal Motor Carrier Safety Administration
FTA	Federal Transit Administration
FTP	File Transfer Protocol
GCM	Gary-Chicago-Milwaukee
GIS	Geographic Information Systems
GPS	Global Positioning System
HAR	Highway Advisory Radio
HAZMAT	Hazardous Materials
HOV	High Occupancy Vehicle (lane)
HRI	Highway Railroad Intersection
HTML	Hypertext Markup Language
ICC	Illinois Commerce Commission
ICN	Illinois Century Network
ICJIA	Illinois Criminal Justice Information Authority
IDOT	Illinois Department of Transportation
IEEE	Institute of Electrical and Electronics Engineers
IEMA	Illinois Emergency Management Agency
IEPA	Illinois Environmental Protection Agency
IFERN	Interagency Fire Emergency Radio Network
IFTA	International Fuel Tax Agreement
ILEAS	Illinois Law Enforcement Alarm System
INDOT	Indiana Department of Transportation
IPS	Itinerary Planning System
IREACH	Illinois Radio Emergency Assistance Channel
IRP	International Registration Plan
ISP	Information Service Provider/Internet Service Provider
ISP	Illinois State Police
ISPERN	Illinois State Police Emergency Radio Network
ISTHA	Illinois State Toll Highway Authority
ITE	Institute of Transportation Engineers
ITS	Intelligent Transportation Systems
ITSP0	Intelligent Transportation Systems Program Office
ITTF	Illinois Terrorism Task Force
IWIN	Illinois Wireless Information Network
JCMTD	Jackson County Mass Transit District
JDCT	Jo Daviess County Transit
LAN	Local Area Network
LEADS	Law Enforcement Agency Data Service
LM	Legacy Modification
LRTP	Long Range Transportation Plan
LSI	Legacy System Interface



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MABAS	Mutual Aid Box Alarm System
MCR	Mobile Capture & Reporting System
MCT	Madison County Transit
MDT	Mobile Data Terminal
MCMIS	Motor Carrier Management Information System
MMIS	Maintenance Management Information System
MoDOT	Missouri Department of Transportation
MOE	Measures of Effectiveness
MOU	Memorandum of Understanding
MPO	Metropolitan Planning Organization
MYP	Multi Year Plan
NCIC	National Crime Information Center
NEMA	National Electronics Manufacturers' Association
NLETS	National Law Enforcement Telecommunications System
NMVTIS	National Motor Vehicle Title Identification System
NTCIP	National Transportation Communications for ITS Protocol
OC	Optical Carrier
OSOW	Oversize-Overweight
PMB	Pekin Municipal Bus
POP	Point-of-Presence
PRISM	Performance and Registration Information Systems Management
PSAP	Public Safety Access Point
PTZ	Pan-Tilt-Zoom
RICMMDT	Rock Island County Metropolitan Mass Transit District
RMTD	Rockford Mass Transit District
RPC	Regional Planning Commission
RTA	Regional Transportation Authority
RTIP	Regional Transit ITS Plan
RVMMDT	River Valley Metro Mass Transit District
RWIS	Road Weather Information Systems
SAE	Society of Automotive Engineers
SAFER	Safety and Fitness Electronic Records
SAFETEA-LU	“Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users” – authorizing legislation for current federal transportation programs
SDH	Synchronous Digital Hierarchy
SEDP	Strategic Early Deployment Plan
SEOC	State Emergency Operations Center
SCT	South Central Transit
SMART	Shawnee Mass Transit District
SMTD	Springfield Mass Transit District
SONET	Synchronous Optical Network
SSRS	Single State Registration System
STIP	Statewide Transportation Improvement Plan

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SWS	Safety Warning System
TCIP	Transit Communications Interface Profiles
TCRPC	Tri-County Regional Planning Commission
TEA-21	“Transportation Equity Act for the 21 <sup>st</sup> Century” – authorizing legislation for federal transportation programs (1998 – 2004)
TIMS	Traffic and Incident Management System
TIP	Transportation Improvement Plan
TMC	Traffic Management Center
TRB	Transportation Research Board
TSC	Traffic Systems Center
UIC	University of Illinois-Chicago
USDOT	United States Department of Transportation
USCG	United States Coast Guard
VLAN	Virtual LAN
VMS	Variable Message Signs
VPN	Virtual Private Network
WCMTD	West Central Mass Transit District
WIM	Weigh-in-Motion
WisDOT	Wisconsin Department of Transportation
XML	Extensible Markup Language