



Illinois Department of Transportation

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

ITS Strategic Plan

June, 2006

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AND Kelcey**





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 st 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 |