Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

Academic/Research Organizations

Element: Academic/Research Organizations Data Warehouse   *Status:* Planned

Description: A data warehouse of traveler information data jointly developed by Argonne National Labs and University of Illinois at Chicago.

Element: University of Illinois ICT Data Archive   *Status:* Planned

Description: Traffic data archive housed at the University of Illinois at Urbana-Champaign's Illinois Center for Transportation.

AMTRAK

Element: AMTRAK Rail   *Status:* Planned

Description: Local passenger train terminals that provide access to Amtrak service.

Area Media Outlets

Element: Media   *Status:* Existing

Description: Television, radio, and print media that uses traffic information and images to present current transporation conditions to the public.

Arterial Performance Monitoring System Joint Venture Group

Stakeholders in this group:

Illinois Dept of Transportation District 1 Bureau of Traffic
Illinois State Toll Highway Authority
Regional Transportation Authority
City of Chicago OEMC and TMA

Element: Arterial Performance Monitoring System   *Status:* Planned

Description: A joint venture by ISTHA, RTA, IDOT, City of Chicago OEMC TMA for collecting the travel condition data on the arterial road network

Chicago Bureau of Convention and Tourism

Element: Chicago Bureau of Convention and Tourism Database   *Status:* Planned

Description: Database of planned events for Chicago and the Region.

Chicago Metropolitan Agency for Planning (CMAP)

Element: CMAP Northeastern Illinois Regional Data Archive   *Status:* Planned

Description: Archive of traffic, transit, and traveler information collected by CATS/CMAP for use in transportation planning.

Chicago Park District

Element: Chicago Park District Parking Management System   *Status:* Planned

Description: Parking Management System for City of Chicago Parks.

Chicago Transit Authority

Element: Chicago Transit Authority BusInfo Signs   *Status:* Planned

Description: BusInfo signs at CTA bus stops. The signs are part of the regional RTA initiative for better traveler information. They are single or multiple carrier displays showing a countdown for the next vehicle of each route/direction serving that stop or station.

Element: Chicago Transit Authority Active Transit Station Signs   *Status:* Planned

Description: Active Transit Station Signs (ATSS) at CTA rail stations. The signs are part of the regional RTA initiative for better traveler information. They are single or multiple carrier displays showing a countdown for the next vehicle of each route/direction serving that stop or station.

Element: Chicago Transit Authority ATSS System   *Status:* Planned

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: Chicago Transit Authority ATSS System   *Status:* Planned

Description: Center system that provides the next train information used to drive the CTA Active Transit Station Signs

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Element: Chicago Transit Authority Bus Tracker Website   *Status:* Existing

Description: A pilot project for providing real-time location and arrival information for CTA buses. Presently deployed for the CTA Route 20 (Madison).

Element: Chicago Transit Authority Bus Vehicles   *Status:* Existing

Description: Bus Transit vehicles are used to provide transit services on area roadways. They are instrumented to gather and generate fare, passenger loading, location and schedule adherence information, as well as provide passenger information via visual and audio displays.

Element: Chicago Transit Authority BusInfo System   *Status:* Planned

Description: Bus Information system that provides bus arrival information for CTA buses to BusInfo signs.

Element: Chicago Transit Authority Control Center   *Status:* Existing

Description: The CTA Control Center controls the movement of buses and rapid transit trains and provides power control for rapid transit operations. Both the BusWatch system and Rail Service Management System are resident at the Control Center, as are their dispatchers. This includes CTA Hub that will feed the Illinois Transit Hub.

Element: Chicago Transit Authority Data Archive   *Status:* Existing

Description: This data archive will collect and archive data that it receives from CTA Control center

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Element: Chicago Transit Authority Farecard Machines   *Status:* Existing

Description: This includes farecard machines for CTA Smartcards located at rapid transit stations, local merchants, and Union Station.

Element: Chicago Transit Authority Garages   *Status:* Existing

Description: Maintenance facilities for CTA transit vehicles

Element: Chicago Transit Authority Parking Management Guidance System   *Status:* Planned

Description: CTA Parking Management Guidance Systems are to be installed at selected rapid transit stops near major tollways, expressways, or strategic regional arterials. The will collect information on parking lot occupancy, and use it (along with transit and highway travel times) to populate DMS designed to give highway travelers the chance to divert to transit.

Element: Chicago Transit Authority Rail Signaling Equipment   *Status:* Existing

Description: CTA elevated train signal equipment

Element: Chicago Transit Authority Rapid Transit Station Turnstyles   *Status:* Existing

Description: Access and fare collection points for CTA Rapid Transit Vehicles

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Element: Chicago Transit Authority Rapid Transit Vehicles   *Status:* Existing

Description: CTA operates these heavy rail rapid transit vehicles on dedicated subway, elevated and grade rights-of-way in the City of Chicago and in ring suburbs.

Element: Chicago Transit Authority Revenue Collection Center   *Status:* Existing

Description: This collects fare and payment collection status form CTA farecard vending equipment and CTA vehicles

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Element: Chicago Transit Authority Security Equipment   *Status:* Existing

Description: Consists of cameras for surveillance of infrastructure

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Element: Chicago Transit Authority Smartcard   *Status:* Existing

Description: Farecard for use on all CTA vehicles, some of which can used to connect to financial instituitions (credit cards) and others are just fare cards.

City of Chicago

Element: City of Chicago DOT Transportation Website   *Status:* Existing

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: City of Chicago DOT Transportation Website   *Status:* Existing

Description: Website with traffic and road maintenance information for the City of Chicago. Includes email subscription of information.

Element: Mayors Office of Special Events   *Status:* Existing

Description: Web site with listing of events in Chicago.

City of Chicago / SCC

Stakeholders in this group:

City of Chicago

Skyway Concession Company (SCC)

Element: City of Chicago Skyway Field Equipment   *Status:* Existing

Description: Field equipment operating on the Skyway. Includes CCTV, detectors, and an RWIS.

Element: City of Chicago Skyway Operations   *Status:* Existing

Description: SCC toll bridge operation oversees the eight-mile long toll bridge connecting the Dan Ryan. The element manages traffic on the Skyway and does toll administration.

Element: City of Chicago Skyway Toll Plaza   *Status:* Existing

Description: Electronic toll plaza operations for the Chicago Skyway.

City of Chicago Department of Aviation

Element: Chicago Airport Parking Systems   *Status:* Planned

Description: Parking Management Systems at OHare and Midway Airports.

Element: Chicago Airports   *Status:* Existing

Description: Represents airports in the region, including O'Hare, Midway, Meigs Field, Gary and the planned South Suburban Airports. This element represents the air transportation information that is available from the various airports.

Element: City of Chicago Department of Aviation Field Equipment   *Status:* Existing

Description: Security monitoring devices located along roadway infrastructure at Midway and O'Hare Airports.

Element: OHare Air Cargo Terminal   *Status:* Existing

Description: Air Cargo Terminal Operations at OHare Airport

Element: Satellite TMC Midway Airport   *Status:* Existing

Description: Midway Airport's landside transportation communications operation. This operation coordinates all aspects of land transportation around Midway airport.

Element: Satellite TMC OHare Airport   *Status:* Existing

Description: O'Hare Airport is developing a landside transportation communications operation. This operation will coordinate all aspects of land transportation around O'Hare airport.

City of Chicago Department of Streets and Sanitation (DSS)

Element: City of Chicago DSS Bureau of Electricity Signal Maintenance (DSS/BOE)   *Status:* Existing

Description: Department of Streets and Sanitation, Bureau of Electricity, signal maintenance dispatch. Includes maintenance of lighting systems. Als

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Element: City of Chicago DSS Bureau of Street Operations Dispatch   *Status:* Planned

Description: Department of Streets and Sanitation, Bureau of Street Operations, dispatch for snowplows and garbage trucks

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Element: City of Chicago DSS Bureau of Traffic Services Dispatch   *Status:* Existing

Description: Department of Streets and Sanitation, Traffic Services, dispatch of city owned and private towing vehicles

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Element: City of Chicago DSS Field Equipment   *Status:* Existing

Description: This element includes CCTV and RWIS stations (on 8 bridges).

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

Element: City of Chicago DSS Vehicles   *Status:* Existing
Description: Maintenance vehicles used to perform snow removal, roadway treatment, towing (through the OEMC), and roadway and signal maintenance.

Element: MCO Vehicles   *Status:* Planned
Description: MCO vehicles include ITS devices that provides the sensory, processing, storage, and communications functions necessary to support highway maintenance and construction.

City of Chicago Department of Transportation

Element: City of Chicago DOT Roadway Maintenance   *Status:* Existing
Description: Department of Transportation, Division of Engineering, roadway maintenance dispatch. Does roadway maintenance such as resurfacing and pot hole repair.

Element: City of Chicago DOT Traveler Information Kiosks   *Status:* Planned
Description: Traveler information kiosks displaying traffic and road maintenance information for the City of Chicago

Element: City of Chicago DOT Vehicles   *Status:* Existing
Description: Maintenance vehicles used to perform roadway maintenance, such as resurfacing and pot hole repair

City of Chicago OEMC and TMA

Element: City of Chicago 311 Center   *Status:* Existing
Description: Call center for non-emergency requests.

Element: City of Chicago 911 CAD   *Status:* Existing
Description: This is the 911 Center for the City of Chicago. It provides emergency dispatch services for the police and fire department in the city of Chicago.

Element: City of Chicago Incident Center (CIC)   *Status:* Existing
Description: Co-located at the TMC, the CIC operates traffic signals and DMS, snow command, maintenance dispatching, roadway debris removal, maintenance of traffic device placement, and the street permit system

Element: City of Chicago Joint Operation Center (JOC)   *Status:* Existing
Description: Co-located at the TMC, the JOC acts as incident command for special events and emergency management.

Element: City of Chicago Maintenance CAD   *Status:* Existing
Description: Computer Aided Dispatch system for maintenance vehicles

Element: City of Chicago OEMC Field Equipment   *Status:* Existing
Description: Traffic signals, traffic detectors, CCTV, VMS (portable and permanent) and highway advisory radio (HAR)

Element: City of Chicago OEMC Maintenance Vehicles   *Status:* Existing
Description: Vehicles used to perform maintenance on OEMC field devices.

Element: City of Chicago OEMC Security Monitoring Equipment   *Status:* Existing
Description: Virtual Shield equipment

Element: City of Chicago OEMC Unified Command Vehicles   *Status:* Existing
Description: A mobile base-of-operations for the City's Office of Emergency Management and Command (OEMC), if the OEMC headquarters is rendered inoperable

Element: City of Chicago OEMC Website   *Status:* Existing
Description: Website with traffic and emergency information for the City of Chicago.

Element: City of Chicago Operations Center (OC)   *Status:* Existing
Description: Co-located at the TMC, the OC oversees emergency notification sirens, security monitoring, OVS, POD video, tow dispatch and TMA dispatch and monitoring

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

Element: City of Chicago OVS   *Status:* Existing
Description: City of Chicago Operation Virtual Shield CCTV system used for security purposes.

Element: City of Chicago Permit System   *Status:* Existing
Description: Permit system

Element: City of Chicago TMC   *Status:* Existing
Description: The TMC will be the focal point to collect, transfer, process and disseminate real-time travel data, including information on: road closures, construction activities, travel restrictions, accidents and incidents, and weather-related conditions. Other TMC functions may include: integration with road weather systems on city bridges, snow/ice removal management, special event traffic management, assistance during emergency evacuations, and supporting CVO initiatives. Includes Bureau of Electricity Signal Operations and BOE Radio Main. This element includes the current traffic signal control systems operated by the City of Chicago.

Element: City of Chicago TMC_Roadside Equipment   *Status:* Existing
Description: Roadside Equipment includes any and all equipment distributed on and along the roadway which monitors and controls traffic. This can include equipment for tolling.

Cook County Highway Department

Element: Cook County Highway Department Construction Bureau Operations   *Status:* Existing
Description: Operations and dispatch for Cook County construction vehicles and equipment.

Element: Cook County Highway Department Field Equipment   *Status:* Existing
Description: Traffic signals (preemption/priority), traffic sensors, CCTV, and dynamic message signs owned and operated by Cook County Highway Department.

Element: Cook County Highway Department Maintenance Bureau Operations   *Status:* Existing
Description: Operations and dispatch of Cook County maintenance vehicles and equipment.

Element: Cook County Maintenance Vehicles   *Status:* Existing
Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.

Element: Cook County TMC   *Status:* Planned
Description: Traffic Management Center for Cook County operated roadways.

Cook County Sheriff

Element: Cook County Sheriff Communications Center   *Status:* Existing
Description: Dispatch of Cook County Sheriff Vehicles and Public Safety Answering Point (PSAP) for unincorporated portions of Cook County.

Element: Cook County Sheriff Vehicles   *Status:* Existing
Description: Emergency Vehicles with mobile data terminals that can be used to access information from Dispatch

Cook County Sheriff Emergency Management Agency

Element: Cook County EOC   *Status:* Existing
Description: Cook County Emergency Operations Center

County/Municipal Paratransit Services

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

Stakeholders in this group:
      Chicago Transit Authority
      Cook County Highway Department
      DuPage County Division of Transportation
      Kane County Division of Transportation
      Lake County Division of Transportation
      McHenry County Division of Transportation
      Municipalities/Townships
      Pace
      Public and Non-Profit Paratransit Agencies
      Will County Department of Highways

Element: Other Regional Paratransit Dispatch   *Status:* Planned
Description: Includes paratransit dispatch services for the county/municipal level

DuPage County Division of Transportation

Element: DuPage County Field Equipment   *Status:* Existing
Description: Traffic signals (preemption/priority), traffic sensors, environmental sensors, CCTV, and dynamic message signs owned and operated by DuPage County Division of Transportation. Currently the Division has video image detection and traffic signal preemption for emergency vehicles. The remainder of the types of elements in the description are planned for the future.

Element: DuPage County Maintenance Operations   *Status:* Existing
Description: Operations and dispatch of DuPage County maintenance vehicles and equipment.

Element: DuPage County Maintenance Vehicles   *Status:* Existing
Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.

Element: DuPage County TMC   *Status:* Existing
Description: Traffic Management Center for DuPage County operated roadways.

DuPage County Office of Homeland Security and Emergency Management

Element: DuPage County EOC   *Status:* Existing
Description: DuPage County Emergency Operations Center. This EOC is staffed 24/7. It has a larger role in the region than other county EOCs, acting as a regional EOC (actually for a larger 15 county area of the state). Also maintains countywide road closure information.

Element: DuPage County EOC Field Equipment   *Status:* Existing
Description: Consists of cameras for surveillance of infrastructure, portable DMS & emergency communication devices for emergency management

DuPage County Sheriff

Element: DuPage County Sheriff Communications Center   *Status:* Existing
Description: Public Safety Answering Points (PSAPs) operated by DuPage County. 911 call taking and Public Safety Dispatch for unincorporated areas of the county and cell phone calls throughout the county.

Element: DuPage County Sheriff Vehicles   *Status:* Existing
Description: Emergency Vehicles with mobile data terminals that can be used to access information from Dispatch

Grundy County Highway Department

Element: Grundy County Field Equipment   *Status:* Potential
Description: Traffic signals (preemption/priority), traffic sensors, CCTV, and dynamic message signs owned and operated by Grundy County Highway.

Element: Grundy County Maintenance Operations   *Status:* Existing
Description: Operations and dispatch of maintenance vehicles and equipment for Grundy County.

Element: Grundy County Maintenance Vehicles   *Status:* Existing

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: Grundy County Maintenance Vehicles   *Status:* Existing
Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.

Element: Grundy County TMC   *Status:* Potential
Description: Traffic Management Center for Grundy County operated roadways.

Grundy County Office Emergency Management

Element: Grundy County EOC   *Status:* Existing
Description: Emergency operations center for Grundy County.

Element: Grundy County EOC Field Equipment   *Status:* Existing
Description: Consists of cameras for surveillance of infrastructure, portable DMS & emergency communication devices for emergency management

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Grundy County Sheriff

Element: Grundy County 911 Center   *Status:* Existing
Description: Public Safety Answering Points (PSAPs) operated by Grundy County, as well as police, fire, and EMS dispatch.

Element: Grundy County Sheriff Vehicles   *Status:* Existing
Description: Emergency Vehicles with mobile data terminals that can be used to access information from Dispatch

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Illinois Commerce Commission

Element: Illinois EOSS/ CVISN Web Site   *Status:* Planned
Description: Electronic One Stop Shop (EOSS) System is under development in Illinois to provide the CVISN (Commercial Vehicle Information Systems and Networks) functionality within the state. Will provide a web site where carriers and their agents can apply for credentials, and where agencies can obtain carrier information.

Element: Illinois Single State Registration System   *Status:* Existing
Description: The Illinois Single State Registration System (SSRS) allows registration of commercial vehicles and provides a database of valid registrations within the state. The SSRS system allows carriers to obtain operating authority for any participating states in which they will be active with a single request to the motor carrier's base state. The system provides a common registration point and database for vehicles operating in 38 states.

Illinois County Emergency Services

Element: Other County 911 Centers   *Status:* Existing
Description: Represents emergency call taking and public safety dispatch in Illinois counties adjacent to the region.

Element: Other County EOCs   *Status:* Existing
Description: Represents Emergency Operations Centers in Illinois Counties outside of the region.

Element: Other County PSAPs   *Status:* Existing
Description: Represents Public Safety Answering Points in Illinois Counties outside of the region.

Illinois Dept of Transportation Central Bureau of Bridges and Structures

Element: IDOT Bureau of Bridges and Structures Field Equipment   *Status:* Planned
Description: Consists of CCTV for surveillance of critical bridge and other infrastructures

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Illinois Dept of Transportation Central Bureau of Information Processing

Element: IDOT Transportation Website   *Status:* Existing
Description: Website with traffic and road maintenance information for the IDOT roadway infrastructure. Includes email subscription of information. www.iltraffic.com

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Element: Illinois 511 System   *Status:* Existing
Description: Telephone and Internet traveler information system for the Region.

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: Illinois DOT Info   *Status:* Existing
Description: Existing phone system for providing traveler information.

Element: Illinois GIS Transportation Coalition   *Status:* Existing
Description: A GIS group focused on Transportation. The Illinois GIS Transportation Coalition will be a focal point for all GIS users as well as other GIS Data Providers. IDOT envisions the Illinois GIS Transportation Coalition as being a place to share information between all levels of government

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Illinois Dept of Transportation Central Bureau of Operations

Element: IDOT Central Bureau of Operations Field Equipment   *Status:* Existing
Description: Weather sensors and traffic count equipment owned and operated by IDOT Central Operations.

Element: IDOT Central Bureau of Operations Roadway and Weather Information Sys   *Status:* Existing
Description: Central Bureau of Operations system that drives Rest Area Kiosks

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Element: IDOT CVO Permitting - Oversize/Overweight   *Status:* Existing
Description: The Oversize/Overweight (OSO) permitting system is used to provide permits electronically to carriers via the Electronic One-Stop Shop (EOSS) website within the state of Illinois. This information is provided to Illinois State Police as needed.

Element: IDOT Rest Area Kiosks   *Status:* Planned
Description: Kiosks owned and operated by IDOT residing in Rest Areas along interstate highways in Northeastern Illinois.

Illinois Dept of Transportation District 1 Bureau of Construction

Element: IDOT District 1 Bureau of Construction   *Status:* Existing
Description: Operations and dispatch for IDOT construction vehicles and equipment.

Illinois Dept of Transportation District 1 Bureau of Electrical Operations

Element: IDOT District 1 ComCenter   *Status:* Existing
Description: The Communications Center acts as the 24-hour incident management and operations center for IDOT District 1 and has control over the HAR system and the Kennedy Expressway reversible lane control (RevLac) system. During the TSC off hours, the ComCenter may operate the TSC's DMS. Provides info to Illinois Gateway.

Element: IDOT District 1 ComCenter Field Equipment   *Status:* Existing
Description: Refers to the RevLac system on the Kennedy Expressway, the expressway CCTV camera system, HAR, advance signing, ramp gates, and moveable bridge systems.

Illinois Dept of Transportation District 1 Bureau of Maintenance

Element: IDOT District 1 Maintenance Management   *Status:* Existing
Description: Represents Duty Engineer and Operations Area Engineer.

Element: IDOT District 1 Maintenance Yards   *Status:* Existing
Description: This element represents the IDOT District 1 maintenance yards that provide materials storage and equipment repair.

Element: IDOT Maintenance Vehicles   *Status:* Existing
Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.

Illinois Dept of Transportation District 1 Bureau of Traffic

Element: IDOT District 1 Bureau of Traffic - Arterial Operations   *Status:* Existing
Description: IDOT District 1 Arterial Signal Systems. IDOT Traffic Signal Systems include over 250 coordinated signal systems, operating over 4000 intersections.

Element: IDOT District 1 Bureau of Traffic - Arterial Operations Field Equipment   *Status:* Existing
Description: Field equipment for IDOT District 1 Arterial Signal Systems. Includes traffic signals (including detection), EVP/priority, CCTV cameras, monitoring equipment and arterial DMS.

Element: IDOT District 1 Bureau of Traffic - Expressway Operations Unit   *Status:* Existing

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Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: IDOT District 1 Bureau of Traffic - Expressway Operations Unit   *Status:* Existing

Description: This unit handles approval of lane closures and distributes information regarding closures on the expressway system. Provides info to Illinois Gateway.

Element: IDOT District 1 Traffic Systems Center (TSC)   *Status:* Existing

Description: The TSC is responsible for managing congestion on IDOT's District 1 expressway system. The TSC is also responsible for distributing congestion information to the public and to independent service providers and to the Illinois Gateway. The TSC is also the host of the Illinois Gateway..

Element: IDOT District 1 Traffic Systems Center Field Equipment   *Status:* Existing

Description: Equipment includes vehicle detectors, ramp metering, CCTV, DMS, arterial DMS, portable DMS, RWIS and wet pavement sensors. Also includes signals leading to ISTHA ramps. The TSC operates between 5 AM and 7 PM on weekdays. During off hours, some of the TSC operations are performed by the IDOT ComCenter.

Element: IDOT Emergency Traffic Patrol (ETP)   *Status:* Existing

Description: Emergency traffic patrol for interstates

Element: IDOT Emergency Traffic Patrol Vehicles   *Status:* Existing

Description: Emergency Traffic Patrol Vehicles that provide motorist assistance on the expressways and include Mobile Data Termainls (MDTs).

Element: IDOT Metro Kiosks   *Status:* Planned

Description: Kiosks owned and operated by IDOT in Northeastern Illinois in areas other than Rest Areas along interstate highways.

Illinois Dept of Transportation District 1 Operations

Element: IDOT Weigh Stations   *Status:* Existing

Description: IDOT fixed site weigh scales. Pre-Pass Systems being installed at most weigh stations.

Illinois Dept of Transportation Division of Traffic Safety

Element: IDOT CVO Inspection Facility   *Status:* Existing

Description: CVO Inspection Facility located in the region

Element: Illinois Local Accident Reporting System   *Status:* Planned

Description: Represents the Illinois Local Accident Reporting System (LARS) that collects crash information from counties and municipalities in the state.

Illinois Dept of Transportation ITS Program Office

Element: Gateway Central   *Status:* Existing

Description: Traveler information collection and distribution hub for the GCM corridor. It collects traveler and transportation related information (congestion, travel times, incidents, construction, maintenance, transit schedules, weather, etc.) from systems within the GCM Corridor area.

Element: Gateway Website   *Status:* Existing

Description: The Gateway Website receives travel and transportation related information from the Gateway Central and distributes the information to the traveling public via the Internet. The physical location of the servers is at the Traffic Systems Center (TSC) in Oak Park, IL.

Element: GCM Data Archive   *Status:* Potential

Description: The GCM Data Archive will collect and archive corridor-wide data that the Gateway Central receives from the three state gateways.

Element: IDOT Email Notification System (ENS)   *Status:* Planned

Description: Email notification system available at www.ILtrafficalert.com that provides traveler information on traveler selected routes for traveler selected times on 70+ expressway routes.

Element: Illinois Gateway   *Status:* Existing

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

Element: Illinois Gateway	*Status:* Existing

Description: Traveler information collection and distribution hub for NE Illinois. It collects traveler and transportation related information (congestion, travel times, incidents, construction, maintenance, transit schedules, weather, etc.) from systems within NE Illinois.

Illinois Emergency Management Agency

Element: Statewide Emergency Operations Center	*Status:* Existing

Description: Illinois Statewide Emergency Operations Center in Springfield, houses the State Incident Response Center (SIRC), the State Terrorism Intelligence Center (STIC), the Illinois Terrorism Task Force (ITTF), the Radiological Emergency Assessment Center (REAC), the state's 24-hour telecommunications center, and response personnel from the Illinois Emergency Management Agency (IEMA).

Illinois Environmental Protection Agency

Element: Illinois Environmental Protection Agency (EPA)	*Status:* Existing

Description: The Illinois Environmental Protection Agency monitors air quality through the Division of Air Pollution Control. The Agency monitors vehicle emissions through the Division of Vehicle Inspection and Maintenance.

Illinois International Port District

Element: Port of Chicago Intermodal Facilities	*Status:* Existing

Description: The Port of Chicago is a key terminus for ship, rail, and trucking in the region. It comprises facilities at Irquois Landing Lakefront Terminus and at Lake Calumet.

Illinois Secretary of State

Element: Dept of Driver Services	*Status:* Existing

Description: The Illinois Department of Driver Services (commonly known as the Department of Motor Vehicles) is a terminator in this architecture.

Illinois State Police

Stakeholders in this group:
Illinois State Police District 15
Illinois State Police Districts 2, 5, and Chicago

Element: Illinois State Police Vehicles	*Status:* Existing

Description: Police Vehicles with mobile data terminals that can be used to access information from Dispatch as well as information from the Single State Registration System

Illinois State Police District 15

Element: Illinois State Police District 15 Operations Desk	*Status:* Existing

Description: Operations and Dispatch for State Police District 15, which covers the Tollways.

Illinois State Police Districts 2, 5, and Chicago

Element: CVO Crash Reporting (MCSAP)	*Status:* Existing

Description: Reporting of CVO related crashes through MCSAP (Motor Carrier Safety Assistance Program).

Element: CVO Inspection Reporting (ASPEN)	*Status:* Existing

Description: ASPEN is a laptop-based system that allows safety inspectors to enter Inspection Reports at the roadside and forwards them to CVIEW. It allows them to retrieve Inspection Reports, Carrier Profiles, and snapshots to help in selecting vehicles for inspection.

Element: Illinois State Police Dispatch (Districts 2, 5 and Chicago)	*Status:* Existing

Description: Operations and dispatch for the State Police Districts covering the region. District 2 covers DuPage, Kane, Lake, and McHenry counties. District 5 covers Will County and Chicago District covers Cook County.

Illinois State Toll Highway Authority

Element: *999 Cellular Express Line	*Status:* Existing

Description: A cellular incident reporting system provided by contract to ISTHA and IDOT which covers the City of Chicago and surrounding 8 counties.

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: Highway Emergency Lane Patrol Vehicles   *Status:* Existing

Description: Highway Emergency Lane Patrol (HELP) Vehicles to provide service patrol on Thruways.

Element: ISTHA Computer Aided Dispatch Center   *Status:* Existing

Description: Dispatch of Highway Emergency Lane Patrol (HELP)

Element: ISTHA IPASS Business Center   *Status:* Existing

Description: Administrative center that manages I-Pass electronic toll system.

Element: ISTHA I-Pass Toll Plazas   *Status:* Existing

Description: Toll Plazas providing electronic Toll Collection using the I-Pass system.

Element: ISTHA Maintenance and Construction   *Status:* Existing

Description: Operations and dispatch of maintenance vehicles and equipment for the Tollway.

Element: ISTHA Maintenance Vehicle   *Status:* Existing

Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.

Element: ISTHA TIMS Kiosks   *Status:* Planned

Description: Kiosks owned and operated by ISTHA and located at Tollway rest stops.

Element: ISTHA TMC (TIMS)   *Status:* Existing

Description: Tollway Traffic Incident and Management System (TIMS) to provide control and monitoring of roadway devices such as dynamic message signs and CCTV. Reports travel times, incidents, and construction and maintenance information to the Illinois Gateway and to media.

Element: ISTHA TMC Field Equipment   *Status:* Existing

Description: Roadway devices such as traffic sensors, ramp queue detectors, weigh-in-motion sensors, dynamic message signs, portable dynamic message signs, RWIS and CCTV used to monitor the roadway for traffic flow and incidents and to provide information to Tollway drivers.

Element: ISTHA Weigh in Motion   *Status:* Existing

Description: ISTHA fixed site weigh scales.

Independent School Districts

Element: Independent School District Dispatch   *Status:* Planned

Description: Represents the dispatch function of each of the many independent school districts within the region.

Indiana Dept of Transportation

Element: Indiana DOT Arterial TMC   *Status:* Planned

Description: Traffic Management Center to monitor and control INDOT arterials in NW Indiana.

Element: Indiana Gateway   *Status:* Existing

Description: This represents the Gateway that collects traffic, transit, and traveler information from systems within Indiana and forwards this information to Gateway Central. Key information available to the Indiana Gateway is outputs from the Borman Traffic Management Center.

Indiana Dept of Transportation- Laporte District

Element: Borman Traffic Management Center   *Status:* Existing

Description: The Borman TMC will collect and distribute detector data, construction, maintenance and special event information, VMS status and messages, and CCTV feeds. It will also provide control and monitoring messages to the Indiana Gateway.

Indiana Public Safety Agencies

Element: Indiana County/ Municipal Public Safety Dispatch   *Status:* Existing

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Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: Indiana County/ Municipal Public Safety Dispatch   *Status:* Existing

Description: Public Safety dispatch (including 911, police, fire, and EMS) for the counties and municipalities that border Illinois.

Indiana State Police

Element: Indiana State Police Dispatch   *Status:* Existing

Description: Dispatch of Indiana State Police District 11 and 13.

Indiana Toll Road Concession Company (ITRCC)

Element: Indiana Toll Road Operations Center   *Status:* Existing

Description: Center to operate and control detectors, dynamic message signs, CCTV on the Indiana Toll Road.

Intermodal Yard Operators

Element: Intermodal Facilities   *Status:* Existing

Description: Intermodal facilities that provide transfer of freight between rail, river, and commercial vehicle.

Kane County Division of Transportation

Element: Kane County Construction Operations   *Status:* Existing

Description: This element dispatches construction vehicles for work zone operations and provides workzone information to other elements. It also has DMS control, puts cameras on work sites.

Element: Kane County Field Equipment   *Status:* Existing

Description: Traffic signals (preemption/priority), traffic sensors, CCTV, portable dynamic message signs, speed monitoring trailers, environmental sensors, and automated anti icing system owned and operated by Kane County Transportation.

Element: Kane County Maintenance Operations   *Status:* Existing

Description: Operations and dispatch of maintenance vehicles and equipment for Kane County.

Element: Kane County Maintenance Vehicles   *Status:* Existing

Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.

Element: Kane County TMC   *Status:* Planned

Description: Traffic Management Center for Kane County operated roadways.

Kane County Office of Emergency Management

Element: Kane County EOC   *Status:* Existing

Description: Emergency operations center for Kane County.

Element: Kane County EOC Field Equipment   *Status:* Existing

Description: Consists of cameras for surveillance of infrastructure, portable DMS & emergency communication devices for emergency management

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Kane County Sheriff

Element: Kane County 911 Center   *Status:* Existing

Description: Public Safety Answering Points (PSAPs) operated by Kane County, as well as police, fire, and EMS dispatch.

Element: Kane County Sheriff Vehicles   *Status:* Existing

Description: Emergency Vehicles with mobile data terminals that can be used to access information from Dispatch

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Kendall County Highway Department

Element: Kendall County Field Equipment   *Status:* Potential

Description: Traffic signals (preemption/priority), traffic sensors, CCTV, and dynamic message signs owned and operated by Kendall County Highway.

Element: Kendall County Maintenance Operations   *Status:* Existing

Description: Operations and dispatch of maintenance vehicles and equipment for Kendall County.

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: Kendall County Maintenance Vehicles   *Status:* Existing
Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.

Element: Kendall County TMC   *Status:* Potential
Description: Traffic Management Center for Kendall County operated roadways.

Kendall County Office of Emergency Management

Element: Kendall County EOC   *Status:* Existing
Description: Emergency operations center for Kendall County.

Element: Kendall County EOC Field Equipment   *Status:* Existing
Description: Consists of cameras for surveillance of infrastructure, portable DMS & emergency communication devices for emergency management

Kendall County Sheriff

Element: Kendall County 911 Center   *Status:* Existing
Description: Public Safety Answering Points (PSAPs) operated by Kendall County, as well as police, fire, and EMS dispatch.

Element: Kendall County Sheriff Vehicles   *Status:* Existing
Description: Emergency Vehicles with mobile data terminals that can be used to access information from Dispatch

Kenosha County Department of Public Works

Element: Kenosha County Highway Maintenance Operations   *Status:* Existing
Description: Dispatch of Kenosha County maintenance vehicles and equipment.

Element: Kenosha County Maintenance Vehicles   *Status:* Existing
Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.

Kenosha County Public Safety Agencies

Element: Kenosha County Public Safety Dispatch   *Status:* Existing
Description: Represents Public Safety functions (Sheriff, Fire, EMS, 911) at the county level in Kenosha County. Also represents the Kenosha County EOC.

Kenosha Transit

Element: Kenosha Transit Dispatch   *Status:* Existing
Description: Kenosha Wisconsin transit dispatch

Lake County Division of Transportation

Element: Lake County Field Equipment   *Status:* Existing
Description: Traffic signals, preemption/priorty equipment, traffic sensors, CCTV, portable dynamic message signs (DMS) , highway advisory radio (HAR), and environmental sensors owned and operated by Lake County Transportation.

Element: Lake County Highway Construction Operations   *Status:* Existing
Description: This element dispatches construction vehicles for work zone operations and provides workzone information to other elements. It also has DMS control, puts cameras on work sites.

Element: Lake County Highway Maintenance Operations   *Status:* Existing
Description: Operations and dispatch of maintenance vehicles and equipment for Lake County. This element has general maintenance dispatch and sign shop dispatch. This element monitors 4 Road Weather Information System stations at the four corners of the county.

Element: Lake County Maintenance Vehicles   *Status:* Existing
Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

Element: Lake County PASSAGE TMC   *Status:* Existing

Description: Lake County PASSAGE Traffic Management Center (TMC) operates the County roadways.

Element: Lake County PASSAGE Website   *Status:* Existing

Description: Traveler information website administered by the Lake County PASSAGE Program. The website provides incident information and will provide live travel conditions in the future.

Lake County Emergency Management Agency

Element: Lake County EOC   *Status:* Existing

Description: Lake County Emergency Operations Center

Element: Lake County EOC Field Equipment   *Status:* Existing

Description: Consists of cameras for surveillance of infrastructure, portable DMS & emergency communication devices for emergency management

Lake County Sheriff

Element: Lake County Communications Center   *Status:* Existing

Description: Public Safety Answering Points (PSAPs) operated by Lake County

Element: Lake County Sheriff Vehicles   *Status:* Existing

Description: Emergency Vehicles with mobile data terminals that can be used to access information from Dispatch

McHenry County Division of Transportation

Element: McHenry County Field Equipment   *Status:* Existing

Description: Traffic signals, preemption/priority equipment, traffic sensors, CCTV, and dynamic message signs owned and operated by McHenry County Highway.

Element: McHenry County Maintenance Operations   *Status:* Existing

Description: Operations and dispatch of maintenance vehicles and equipment for McHenry County.

Element: McHenry County Maintenance Vehicles   *Status:* Existing

Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.

Element: McHenry County TMC   *Status:* Potential

Description: Traffic Management Center for McHenry County operated roadways.

McHenry County Emergency Services and Disaster Agency

Element: McHenry County EOC   *Status:* Existing

Description: Emergency Operations Center for McHenry County

Element: McHenry County EOC Field Equipment   *Status:* Existing

Description: Consists of cameras for surveillance of infrastructure, portable DMS & emergency communication devices for emergency management

McHenry County Sheriff

Element: McHenry County Sheriff Dispatch   *Status:* Existing

Description: Public Safety Answering Points (PSAPs) operated by McHenry County

Element: McHenry County Sheriff Vehicles   *Status:* Existing

Description: Emergency Vehicles with mobile data terminals that can be used to access information from Dispatch

Metra

Element: Metra Consolidated Control Facility   *Status:* Existing

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: Metra Consolidated Control Facility   *Status:* Existing

Description: The Consolidated Control Facility, located in Chicago at 15th and Canal, is the focal point for management of Metra operated trains. It includes the computer aided dispatch system for train operations on the Metra system (including the Metra Contract Carrier Dispatch). The CTCO, which manages the private rail freight operations, is housed within this facility. The police dispatch and signal system control are other major functions of Control Facility.

Element: Metra GPS Center (TIMS)   *Status:* Existing

Description: The Metra GPS Center uses the Train Information Management System (TIMS) to collects location and schedule adherence information from trains, primarily for passenger information use. This includes the Metra Hub that feeds the Illinois Transit Hub. The GPS System also makes the public announcements.

Element: Metra Maintenance Yards   *Status:* Existing

Description: Facilities to service Metra trains. On-board data is collected using laptop computers.

Element: Metra Parking Management Guidance System   *Status:* Existing

Description: Parking Management Guidance System installations at Metra facilities will monitor parking lot occupancy and pass the information to roadside display signs as well as to the Illinois Transit Hub.

Element: Metra Passenger Information Display System   *Status:* Planned

Description: Metra Passenger Information Display System (PIDS) is part of the regional RTA initiative for better traveler information.

Element: Metra PMGS Signs   *Status:* Existing

Description: DMS signs to display information for the Metra Parking Management Guidance System.

Element: Metra Police   *Status:* Existing

Description: Law enforcement personnel operating on Metra trains and at Metra stations

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Element: Metra Public Address System   *Status:* Existing

Description: The Metra Public Address System currently provides service advisories and other information at Metra stations. In the future, Wireless Voice of Metra (WVOM) would be used to display real time arrival and departure information.

Element: Metra Rail Operator   *Status:* Existing

Description: Human in the loop for getting information onto the website. The information includes schedules, stations and notice of disruption/alerts

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Element: Metra Security Equipment   *Status:* Existing

Description: Consists of cameras for surveillance of infrastructure

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Element: Metra Suburban Passenger Information Display Signs   *Status:* Existing

Description: Signs that provide real time rail arrival information. The signs are part of the regional RTA initiative for better traveler information. They are single or multiple carrier displays showing a countdown for the next vehicle of each route/direction serving that stop or station.

Element: Metra Track and Signaling Equipment   *Status:* Existing

Description: Metra train signal equipment

Element: Metra Trains   *Status:* Existing

Description: Trains will include ITS devices that support the safe and efficient movement of passengers. These systems collect, manage, and disseminate transit-related information to the conductor and travelers.

Element: Metra Wayside Equipment   *Status:* Existing

Description: Track sensors and gate controls at highway rail intersections

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Element: Metra Website   *Status:* Existing

Description: Static schedules, station and alert information.

Metro Pier and Exposition Authority (MPEA)

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: MPEA Parking Management   *Status:* Planned

Description: Parking Management System for McCormick Place and Navy Pier.

Municipalities/Townships

Element: Municipal EMCs   *Status:* Existing

Description: Emergency Management Centers operated by municipalities in the region. Also includes EOCs operated by county/ municipal within Northwest Indiana.

Element: Municipal Parking Management Guidance System   *Status:* Planned

Description: Municipal Parking Management Guidance Systems are to be installed at selected transit stops near major tollways, expressways, or strategic regional arterials. The will collect information on parking lot occupancy, and use it (along with transit and highway travel times) to populate DMS designed to give highway travelers the chance to divert to transit.

Element: Municipal Public Safety Dispatch   *Status:* Existing

Description: Call taking and emergency services dispatch (police, fire, and EMS) operated by municipalities in the region. Include Fire Protection District dispatch. Also includes dispatch of county run police services for Forest Preserves and the Public Transportation Section (CTA). The following municipal public safety dispatch organizations are examples of these types of elements: DuComm (provides emergency dispatch services for 28 police and fire departments in DuPage County), SouthCom, Northwest Central Dispatch (NWCD serves as the Police dispatch agency for 6 communities in the NW suburbs of Chicago), EastCom (in Will County), Westcom, Regional Emergency Dispatch Center (Fire dispatch for 6 communities in northwest Cook county), QuadCom, Elgin Dispatch, Tricom, and Aurora Dispatch.

Element: Municipal Public Safety Vehicles   *Status:* Existing

Description: Emergency Vehicles with mobile data terminals that can be used to access information from Dispatch

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Element: Municipal TMCs   *Status:* Existing

Description: Higher functioning transportation management facilities run by municipalities. Represents a level of TMC below the County TMC. e.g. Naperville, Joliet, Schaumburg, Aurora and Elgin. Include traffic signal systems in NW Indiana. May include multi-jurisdictional signal coordination within subareas or corridors that may or may not be contiguous.

Element: Municipal Transit Operations   *Status:* Existing

Description: Transit operations run by municipalities in the region. Includes Hammond Transit operating in NW Indiana.

Element: Municipal/Township Field Equipment   *Status:* Existing

Description: Consist of Traffic signal systems, preemption/priorty equipment, DMS and CCTV's on municipal roads. EVP are used by fire, EMS and Police vehicles

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Element: Municipal/Township Maintenance Operations   *Status:* Existing

Description: Operations and dispatch of maintenance vehicles and equipment operated by municipalities/ townships within the region.

Element: Municipal/Townships Maintenance Vehicles   *Status:* Existing

Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.

Northeastern Illinois Hospitals/Medical Centers

Element: Regional Hospitals   *Status:* Existing

Description: EMS dispatch from hospitals and medical centers in the region.

Northeastern Illinois Regional Data Archive and Management Group

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

Stakeholders in this group:

Academic/Research Organizations

Chicago Metropolitan Agency for Planning (CMAP)

City of Chicago Department of Transportation

Illinois Dept of Transportation District 1 Operations

Illinois Dept of Transportation District 1 Bureau of Electrical Operations

Illinois Dept of Transportation District 1 Bureau of Traffic

Illinois State Toll Highway Authority

City of Chicago OEMC and TMA

Illinois Dept of Transportation ITS Program Office

Illinois Dept of Transportation Central Bureau of Information Processing

Element: Northeastern Illinois Regional Data Archive	*Status:* Potential

Description: Archive of traffic, transit, and traveler information collected by regional stakeholders for use in transportation planning.

Northwestern Indiana Commuter Transportation District

Element: NICTD Dispatch	*Status:* Existing

Description: The Northern Indiana Commuter Transportation District's South Shore line operates trains from NW Indiana into Illinois.

Pace

Element: Pace BusInfo Signs	*Status:* Planned

Description: BusInfo Signs at PACE transit stops. The signs are part of the regional RTA initiative for better traveler information. They are displays showing a countdown for the next vehicle of each route/direction serving that stop or station.

Element: Pace BusInfo System	*Status:* Planned

Description: Bus Information system that provides bus arrival information for Pace buses to BusInfo signs.

Element: Pace Control Center (IBS)	*Status:* Existing

Description: Pace Intelligent Bus System, a centralized dispatch computer system which supports physically distributed dispatchers. The IBS includes not only the dispatch system, but also AVL, on-board processors, audio and visual information display, passenger counting. Provides bus schedule adherence data for driving BusInfo Signs. This includes the Pace Hub that feeds the Illinois Transit Hub.

Element: Pace Data Archive	*Status:* Existing

Description: This data archive will collect and archive data that it receives from Pace Control center

Element: Pace Garages	*Status:* Existing

Description: Maintenance facilities for Pace transit vehicles

Element: Pace Paratransit Vehicles	*Status:* Existing

Description: These are the vans, buses, taxis and sedans used for Pace contractor-supplied paratransit services.

Element: Pace Security Equipment	*Status:* Existing

Description: These would include both on-board and at transit facilities secuirty cameras. In future, these may be fed live to supervisor/police/emergency responder vehicles, shared with OEMC, control center.

Element: Pace Transit Bus Vehicles	*Status:* Existing

Description: Fixed route transit vehicles operated by Pace. Contain automated vehicle location, passenger counting and, in the future, transit priority signal transmitters.

Element: Regional Paratransit Dispatch	*Status:* Existing

Description: Multiple county/subregional agencies have a number of public and private contractors who provide paratransit services. Each have their own dispatch center.

Element: Regional Ridesharing and Vanpooling	*Status:* Existing

Description: Ridesharing/vanpooling system administered by Pace.

Element: WebWatch Internet Site	*Status:* Existing

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: WebWatch Internet Site   *Status:* Existing

Description: WebWatch is an Internet-based program that allows riders to access real-time bus schedule information.

Private Bus Agencies

Element: Private Bus Dispatch   *Status:* Existing

Description: Private bus agencies operating in the region and in neighboring counties of Wisconsin and Indiana.

Private Hazmat Agencies

Element: Hazmat Management and Cleanup   *Status:* Planned

Description: Private agencies that specialize in Hazmat cleanup.

Private ISPs

Element: Private ISPs - Travel Information Services   *Status:* Existing

Description: Private companies that provide travel information such as predictive travel times and congestion along with real-time/ near-real time video images to the public.

Private Parking Operators

Element: Private Parking Lots   *Status:* Planned

Description: Parking operations for private parking lots within the region.

Private Sector Maintenance Contractor

Element: Private Sector Maintenance Contractor Operations   *Status:* Existing

Description: Operations and Dispatch for private companies with contracts to the county and municipal traffic agencies for maintenance of signals, DMS, HAR, lighting systems, and pumping stations.

Private Taxi Companies

Element: Private Taxi Dispatch   *Status:* Existing

Description: Operations and dispatch for private Taxi companies operating within the region.

Private Towing Companies

Element: Private Tow and Recovery Operations   *Status:* Existing

Description: Dispatch for private tow and recovery companies.

Private Trucking Companies

Element: Commercial Vehicles   *Status:* Planned

Description: The commercial vehicles operating in the region that are dispatched and routed by private trucking companies. These include the capability to be tracked by satellite or to pass location information to their dispatch center.

Element: Trucking Distribution Centers   *Status:* Existing

Description: Includes private commercial fleet management operations in the region.

Private Weather Information Providers

Element: Weather Services   *Status:* Existing

Description: Weather Services include the National Weather Service as well as private disseminators of weather data.

Public and Non-Profit Paratransit Agencies

Element: Public/Non-Profit Paratransit Services   *Status:* Existing

Description: Dispatch for paratransit operations run by public or non-profit agencies.

Rail Freight Operators

Element: Rail Freight Operations   *Status:* Existing

Description: Rail operations centers for private rail firms operating in the region.

Regional Airport Authority

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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Element: Neighboring Airports   *Status:* Existing

Description: This element represents the air transportation information that is available from airports outside the region, but which may be of interest to the region. For example, from Mitchell Field in Milwaukee.

Element: South Suburban Airport TMC   *Status:* Planned

Description: Traffic Management of surface transportation surrounding the proposed South Suburban Airport

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Regional Event Organizations

Element: Regional Event Facilities   *Status:* Planned

Description: Represents the various event facilities in the region that are generators of planned events with significant traffic or transit impact. Examples are Universities and Colleges. etc.

Regional Transportation Authority

Element: Illinois Transit Hub   *Status:* Existing

Description: The Illinois Transit Hub will be the Transit Information Service Provider for the RTA region. This includes a messaging subsystem that can provide multimodal information to BusInfo, ATSS, and InfoTrans signs. Serves as information exchange conduit with Illinois Gateway

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Element: Illinois Transit Hub Website   *Status:* Planned

Description: Web interface for accessing transit related data collected by the Illinois Transit Hub

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Element: InfoTrans Signs   *Status:* Planned

Description: Electronic traveler information signs at O'Hare and Midway in the baggage claim and on the concourses.

Element: Regional Transit Asset Management System (RTAMS)   *Status:* Existing

Description: Regional Transportation Asset Management System (RTAMS) provides planning and financial information on the transportation system in the northeastern Illinois areas surrounding Chicago. RTAMS allows users ti access transit and tollway data through an interactive map.

Element: Regional Transportation Authority Travel Information Center (TIC)   *Status:* Existing

Description: The RTA Travel Information Center (TIC) currently collects static route, schedule and fare information from the three RTA Service Boards, and uses it to provide information over the phone to travelers in the RTA region. The TIC uses its Itinerary Planning System (IPS) to provide information to callers in the form of specific origin to destination trip plans. In the future, this may be enhanced by real time data.

Element: RTA Multimodal Information Kiosks   *Status:* Planned

Description: The RTA Multimodal Information Kiosks (MMIK) are public informational displays supporting various levels of interaction and information access and systems which provide security in public areas.

Element: RTA Multimodal Trip Planner   *Status:* Existing

Description: Itinerary Planning System is the web based interface of the TIC, providing an interface to users and the RTA Kiosk.

Element: RTA Passenger Certification Database   *Status:* Existing

Description: Database to determine ridership eligibility for paratransit

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Travelers

Element: Universal Fare Card   *Status:* Planned

Description: Payment instrument for use in multimodal transportation throughout the region

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Element: User Personal Computing Devices   *Status:* Existing

Description: User Personal Computing Devices refers to equipment an individual owns and can personalize with their choices for information about transportation networks. An Internet-connected PC is an example.

Element: Vehicles   *Status:* Existing

Description: A general element that represents personal automobiles and fleet vehicles that include ITS safety, navigation, traveler information, and electronic tolling (IPASS) systems that may be applicable to any highway vehicle.

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

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US Coast Guard

Element: Coast Guard Dispatch	*Status:* Existing
Description: Operations and Dispatch of Coast Guard assets in the region.	

US Navy

Element: Great Lakes Training Center	*Status:* Existing
Description: This major Navy training facility has a police department, and generates a lot of traffic when they have events. They also need to be coordinated with during any evacuation.	

Utility Companies

Element: Utility Company Operations	*Status:* Existing
Description: Operations and dispatch function of utility companies in the region. Includes telephone, gas, cable, pipeline.	

Violation Enforcement Processing Service

Element: Red Light Running Cameras	*Status:* Existing
Description: Cameras used for red-light running enforcement program	

Element: Violation Enforcement Processing Center	*Status:* Existing
Description: Contracted service that operates the field equipment and notifies the violation to the respective authorities	

Water Taxi Operators

Element: Water Taxi Service	*Status:* Existing
Description: Dispatch for Water Taxi Services operating in the Region.	

Will County Department of Highways

Element: Will County Field Equipment	*Status:* Existing
Description: Traffic signals, preemption/priority equipment, traffic sensors, CCTV, and dynamic message signs (contractor supplied) owned and operated by Will County Highway.	

Element: Will County Maintenance Operations	*Status:* Existing
Description: Operations and dispatch of maintenance vehicles and equipment for Will County.	

Element: Will County Maintenance Vehicles	*Status:* Existing
Description: Maintenance vehicles used to perform snow removal, roadway treatment and roadway maintenance.	

Element: Will County TMC	*Status:* Potential
Description: Traffic Management Center for Will County operated roadways.	

Will County Emergency Management Agency

Element: Will County EOC	*Status:* Existing
Description: Emergency Operations Center for Will County	

Element: Will County EOC Field Equipment	*Status:* Existing
Description: Consists of cameras for surveillance of infrastructure, portable DMS & emergency communication devices for emergency management	

Will County Sheriff

Element: Will County Sheriff Communications Center	*Status:* Existing
Description: Public Safety Answering Points (PSAPs) for Will County. 911 call taking and Public Safety Dispatch for unincorporated areas and mobile calls.	

Element: Will County Sheriff Vehicles	*Status:* Existing
Description: Emergency Vehicles with mobile data terminals that can be used to access information from Dispatch	

Element: Will County Weigh in Motion		*Status:* Existing
Description: Includes fixed site weigh scales.		

Wisconsin Dept of Transportation

Element: Wisconsin Gateway (MONITOR)		*Status:* Existing
Description: This represents the Gateway that collects traffic, transit, and traveler information from systems within Wisconsin and forwards this information to Gateway Central. Key information available to the Wisconsin Gateway is outputs from the MONITOR system.		

Element: Wisconsin State Patrol District 2 Dispatch		*Status:* Existing
Description: Operations and dispatch for Wisconsin State Patrol district that border the region.		

Element: WisDOT Statewide Traffic Operations Center		*Status:* Existing
Description: Includes the MONITOR System.		

Wisconsin Public Safety Agencies

Element: Wisconsin Municipal Public Safety		*Status:* Existing
Description: Police, Fire, EMS, and 911 call taking for municipalities in southeastern Wisconsin.		

Stakeholder Inventory for Region NE Illinois Regional ITS Architecture

Status Value Legend

Name	Description
Existing	Currently in place
Planned	Currently funded/undergoing planning or design
Potential	Currently does not have funding/is not planned but a need for it has been identified
Not Planned	

Filters

Entity Class

Show	Class
Yes	Center
Yes	Field
Yes	Traveler
Yes	Vehicle

Entity Type

Show	Type
Yes	System
Yes	Human
Yes	Environment

Interconnects

Show	Interconnect
Yes	Center to Center
Yes	Center to Field
Yes	Center to Traveler
Yes	Center to Vehicle
Yes	Field to Field
Yes	Field to Vehicle
Yes	Traveler to Field
Yes	Traveler to Traveler
Yes	Traveler to Vehicle
Yes	Vehicle to Vehicle

Flow Type

Show	Type
Yes	Request
Yes	Information

Flow Status

Show	Status
Yes	Existing
Yes	Planned
Yes	Potential

Flow Futuristic

Show	Futuristic
Yes	Futuristic

Market Package

Show	Market Package
Yes	All