

Information Service Provider Subsystem
CATS Dynamic Ridesharing
City of Chicago DOT Transportation Website
Gateway Central/ Gateway Website
IDOT Central Bur of Operations Roadway and Weather Information System
#Illinois Transit Hub/ Illinois DOT Info
#Northeastern Illinois 511 System
#Private ISPs - Travel Information Services
RTA Travel Information Center (TIC)

Maintenance & Construction Management
City of Chicago Bureau of Street Ops Dispatch
City of Chicago DSS BOE Signal Maintenance
City of Chicago DSS BOS Roadway Maint
City of Chicago DSS Traffic Services Dispatch
Cook County Highway Dept Construction Bur
Cook County Highway Dept Maintenance Bur
DuPage County Maintenance
IDOT District 1 Bureau of Construction
IDOT Dist 1 Bureau of Traffic-Express Ops Unit
IDOT District 1 ComCenter
IDOT Dist 1 Maintenance Management
ISTHA Maintenance and Construction
Kane County Maint/ Lake County Maint
McHenry County Maint/ Will County Maint
Municipal/ Township Maintenance
Private Sector Maintenance Contractor
Utility Company Dispatch

Remote Traveler Support Subsystem
#CTA BusInfo Signs / #Pace BusInfo Signs
#CTA Active Transit Station Signs
#IDOT Rest Area Kiosks/ #IDOT Metro Kiosks
#ISTHA TIMS Kiosks
#Metra Passenger Info Display Signs
Metra Visual Paging System
#RTA InfoTrans Signs
#RTA Multimodal Information Kiosks

Personal Information Access Subsystem
User Personal Computing Devices

Vehicle Subsystem
Vehicles

Transit Vehicle Subsystem
CTA Bus Vehicles
CTA Paratransit Vehicles
CTA Rapid Transit Vehicles
DuPage Paratransit Vehicles
Metra Trains
Pace Paratransit Vehicles
Pace Transit Bus Vehicles

Commercial Vehicle Subsystem
Commercial Vehicles

Emergency Vehicle Subsystem
Highway Emergency Lane Patrol Vehicles
IDOT Emergency Traffic Patrol Vehicles
Illinois State Police Vehicles

Traffic Management Subsystem
Borman Traffic Management Center
City of Chicago DOT TMC
#City of Chicago Skyway Operations
#Cook County TMC/ #DuPage County TMC
Gateway Central
IDOT Dist 1 Bur of Traffic- Signal Unit
IDOT District 1 ComCenter
IDOT District 1 Traffic Systems Center (TSC)
#Illinois/ Indiana/ Wisconsin Gateways
#Indiana DOT Arterial TMC
Indiana Toll Road Operations Center
#ISTHA TMC (TIMS)
#Kane County TMC/ #Lake County TMC
#McHenry County TMC/ #Will County TMC
#Municipal TMCs
Satellite TMC Midway Airport/ Satellite TMC Ohare Airport/ #South Suburban Airport TMC
WsDOT Dist 2 Traffic Operations Center

Emergency Management Subsystem
*999 Cellular Express Line
City of Chicago 311 Center
Chicago 911 Emergency Communications Center
City of Chicago EOC/ Coast Guard Dispatch
Cook County Sheriff Communications Center
Cook County EOC/ DuPage County EOC
DuPage County Sheriff Communications Center
IDOT District 1 ComCenter
IDOT Emergency Traffic Patrol (ETP)
Illinois State Operations Center
Illinois State Police Dispatch (Dist 2, 5 & Chicago)
Illinois State Police District 15 Operations Desk
Indiana County/ Municipal Public Safety Dispatch
Indiana State Police District Dispatch
ISTHA Dispatch Center
Kane County 911 Center
Kane County EOC/ Lake County EOC
Lake County Communications Center

Emergency Management Subsystem
Kenosha County Public Safety Dispatch
McHenry County Sheriff Dispatch
McHenry County EOC/ Will County EOC
Municipal EMCs
Municipal Public Safety Dispatch
Other County 911 Centers
Other County EOCs
Private Tow and Recovery Operations
Will County Sheriff Communications Center
Wisconsin Municipal Public Safety
Wisconsin State Patrol Dist 2 Dispatch

Fleet and Freight Management Subsystem
#Hazmat Management and Cleanup
Trucking Organizations

Toll Administration Subsystem
#City of Chicago Skyway Operations
ISTHA Toll Administration Center

Transit Management Subsystem
#CTA ATSS System/ #CTA BusInfo System/ CTA Control Center
Chicago Transit Authority Paratransit Dispatch
#DuPage Centralized Paratransit Dispatch
#Illinois Transit Hub
#Independent School District Dispatch
#Metra Passenger Info Display System
Metra Consolidated Control Facility
Metra Train Information Management System
Municipal Transit Operations
NICTD Dispatch
#Pace BusInfo System/ #Pace IBS
Pace Paratransit Dispatch
Private Bus Dispatch/ Private Taxi Dispatch
Public/Non-Profit Paratransit Services
RTA Travel Information Center (TIC) /RTA Itinerary Planning System

Emissions Management Subsystem
Illinois Environmental Protection Agency (EPA)

Commercial Vehicle Administration Subsystem#
IDOT CVO Permitting - Oversize/Overweight
#Illinois EOSS/CVSN Web Site
Illinois Single State Registration System

Archived Data Management Subsystem
#Academic/Research Organizations Data Warehouse
#GCM Data Archive
Illinois Local Accident Reporting System
#Illinois Transit Hub
#Northeastern Illinois Regional Data Archive

Equipment Repair Facility
IDOT District 1 Maintenance Yards

Event Promoters
#Chicago Bureau of Convention and Tourism
Mayors Office Special Events
#Regional Event Facilities

Intermodal Freight Depot
#Centrepont Intermodal Facility
OHare Air Cargo Terminal
#Port of Chicago

Media
Media

Care Facility
Regional Hospitals

Multimodal Transp. Service Provider
#AMTRAK Rail
Chicago Airports/ Neighboring Airports
Water Taxi Service

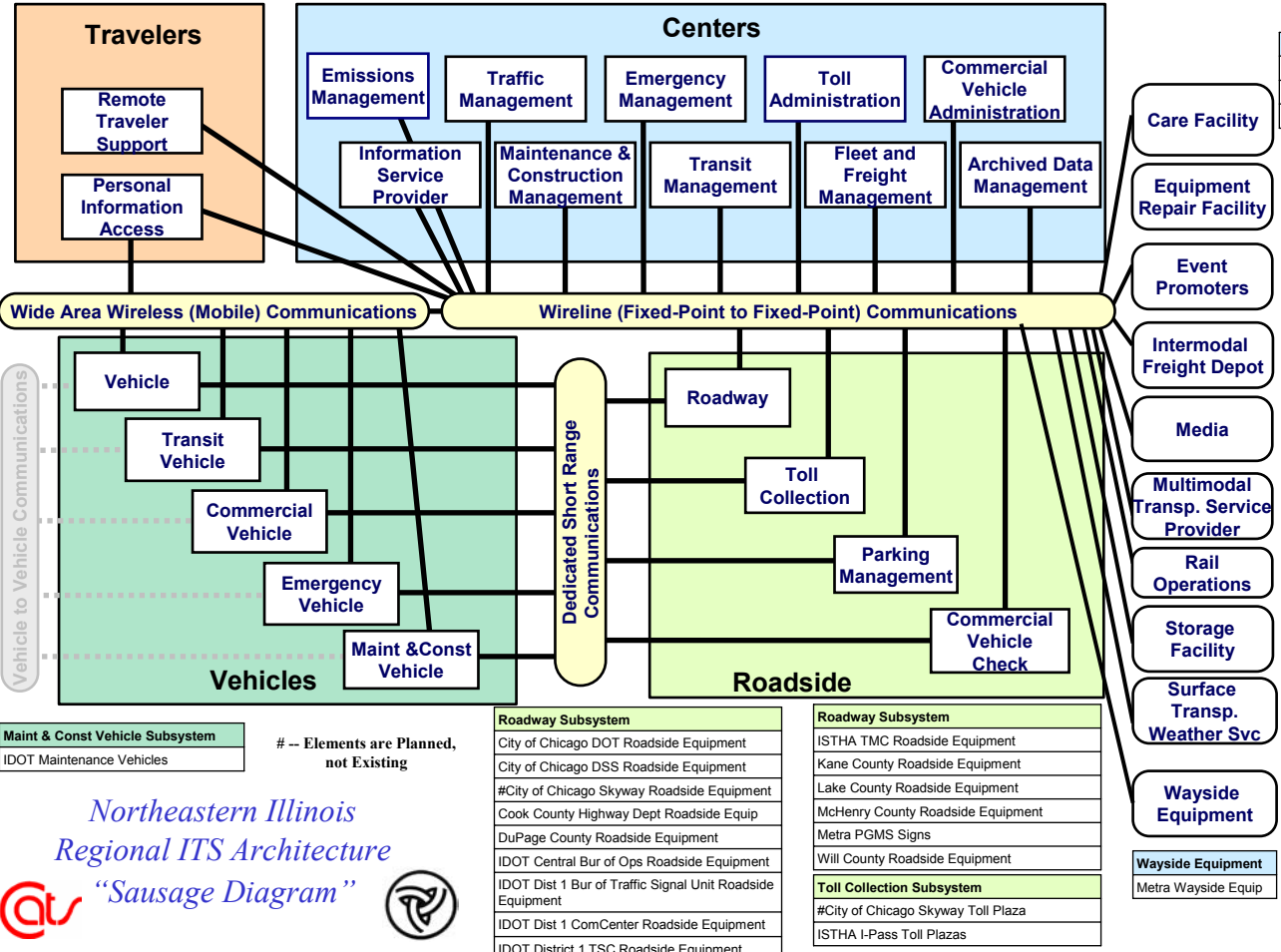
Rail Operations
AMTRAK Rail
Metra Consolidated Control Facility
Rail Freight Operations

Storage Facility
IDOT District 1 Maintenance Yards

Surface Transportation Weather Service
Weather Services

Parking Management Subsystem
#Chicago Airport Parking Systems
#Chicago Park District Parking Mgmt Sys
#CTA Parking Mgmt Guidance System
#Metra Parking Mgmt Guidance System
#MPEA Parking Management
#Municipal Parking Mgmt Guidance System
Private Parking Lots

Commercial Vehicle Check Subsystem
CVO Crash Reporting (MCSAP)
CVO Inspection Reporting (ASPEN)
IDOT CVO Inspection Facility
IDOT Weigh Stations



Maint & Const Vehicle Subsystem
IDOT Maintenance Vehicles

-- Elements are Planned, not Existing

Roadway Subsystem
City of Chicago DOT Roadside Equipment
City of Chicago DSS Roadside Equipment
#City of Chicago Skyway Roadside Equipment
Cook County Highway Dept Roadside Equip
DuPage County Roadside Equipment
IDOT Central Bur of Ops Roadside Equipment
IDOT Dist 1 Bur of Traffic Signal Unit Roadside Equipment
IDOT Dist 1 ComCenter Roadside Equipment
IDOT District 1 TSC Roadside Equipment

Roadway Subsystem
ISTHA TMC Roadside Equipment
Kane County Roadside Equipment
Lake County Roadside Equipment
McHenry County Roadside Equipment
Metra PGMS Signs
Will County Roadside Equipment
Toll Collection Subsystem
#City of Chicago Skyway Toll Plaza
ISTHA I-Pass Toll Plazas

Northeastern Illinois
Regional ITS Architecture

"Sausage Diagram"

