

# *Development of a Regional Intelligent Transportation System Architecture*

## **Kick-off Meeting**

*In cooperation with:*

Wichita-Sedgwick County Metropolitan Area Planning Department  
City of Wichita  
Sedgwick County  
Kansas Department of Transportation  
Federal Highway Administration

*Presented by:*

***ITERIS***<sup>™</sup>



*In association with*

**RCC Consultants**

**December 14, 2004**

# Agenda

- Kick-Off Objectives
- Overview of Project
- Architecture Workshop

## Kick-off Objectives

Overview of  
Project

Architecture  
Workshop

# Kick-off Objectives

- Your Involvement
- Stakeholders for First Workshop
- Anything You Want to Discuss

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Objectives

Overview of  
Project

**Architecture  
Workshop**

# Stakeholder Involvement

- Steering Committee
  - Encourage and solicit review from stakeholders
  - Communicate with upper management
  - Assist in identifying other Stakeholders
  - Workshop invitations and facilities
- All Stakeholders
  - Input into the process

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Objectives

**Overview of  
Project**

Architecture  
Workshop

# Overview of the Project

- Schedule
- Deliverable List
- Organization
- Architecture Development Approach

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## Kick-off Objectives

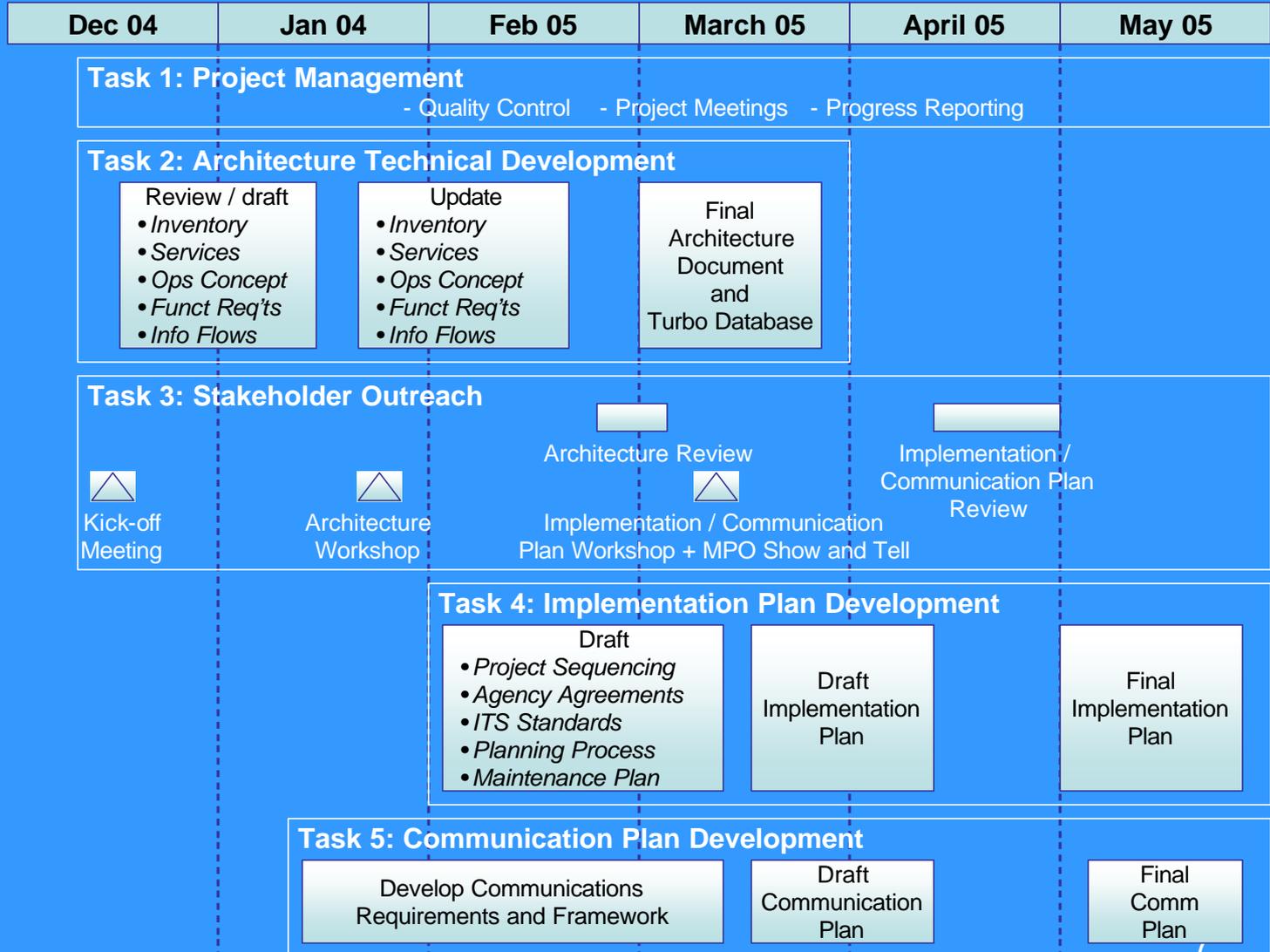
Overview of  
Project  
Architecture  
Workshop

# Project Objectives

- Update and complete ITS Architecture by April 4, 2005 compliant with Rule 940
- Develop approach to integrate ITS Architecture into Planning Process and Project Definition Process
- Provide guidance for ITS Architecture Maintenance
- Establish Communications Plan that facilitates ITS Architecture

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# Schedule

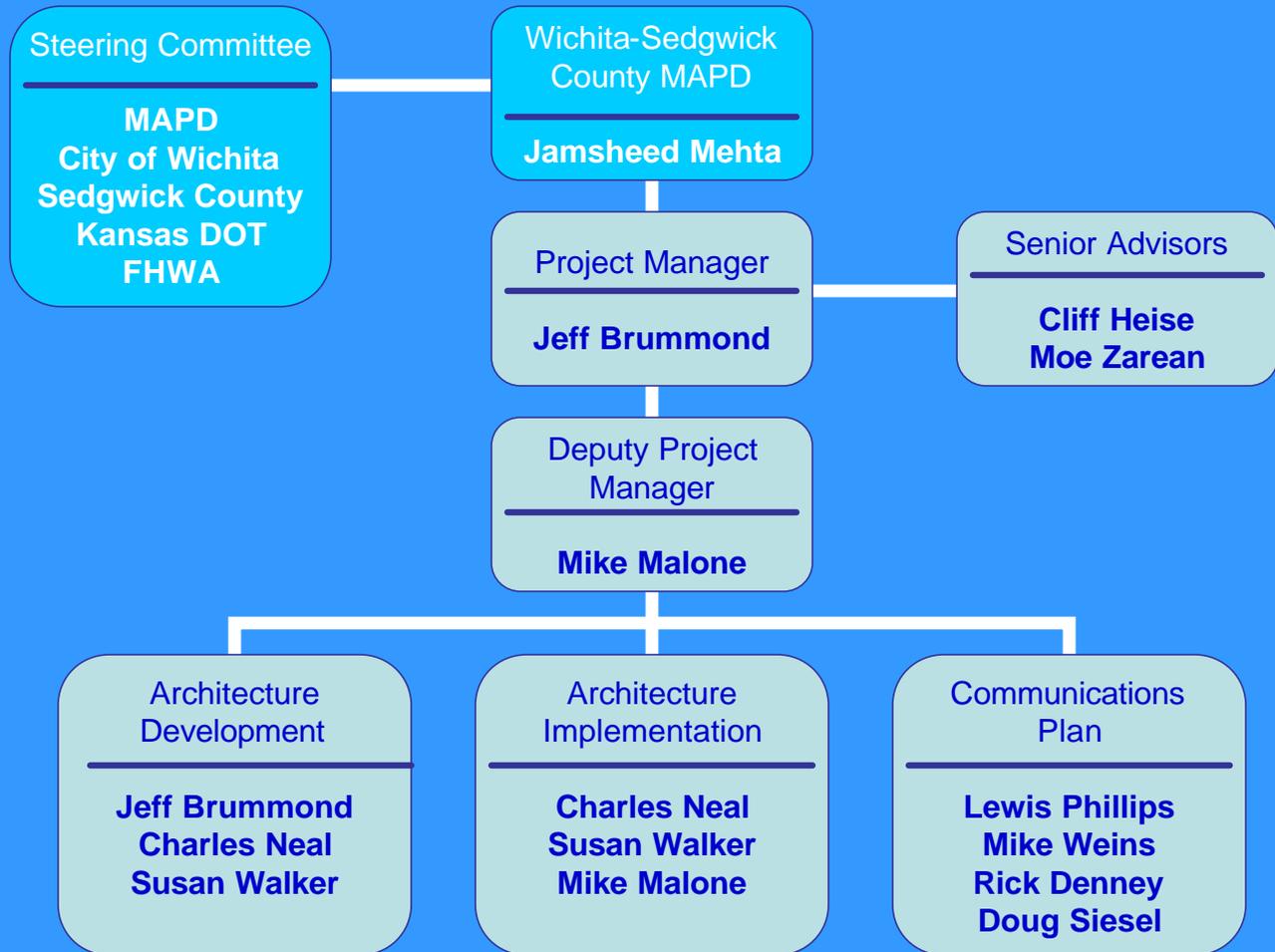


Kick-off  
Objectives

Overview of  
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# Proven Management and Development Experience



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# Architecture Development Approach

- Starting Point
- Architecture Update
- Implementation Plan
- Communication Plan

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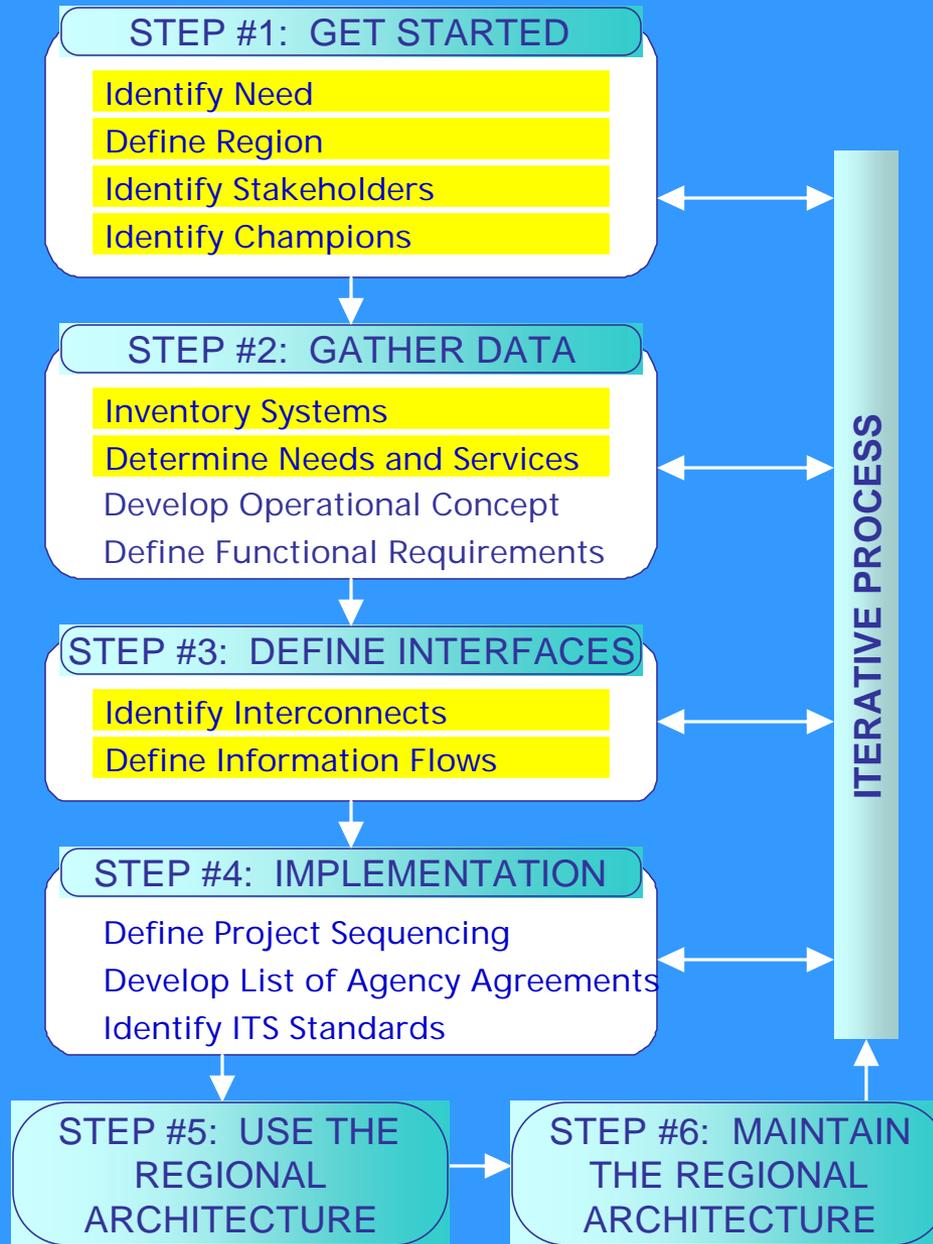
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# Starting Point



- We need to be as efficient as possible

# What has been done so far ?



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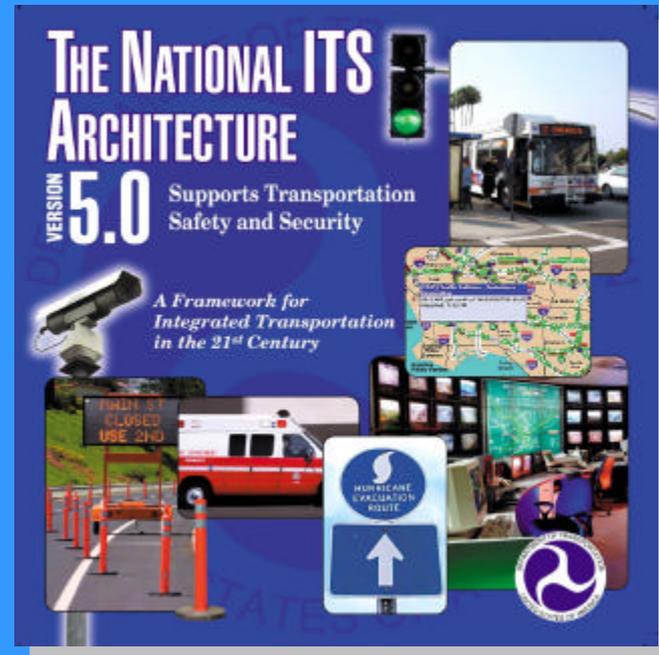
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# New Architecture Features

- Security
- Maintenance & Construction Operations
- Weather



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Project

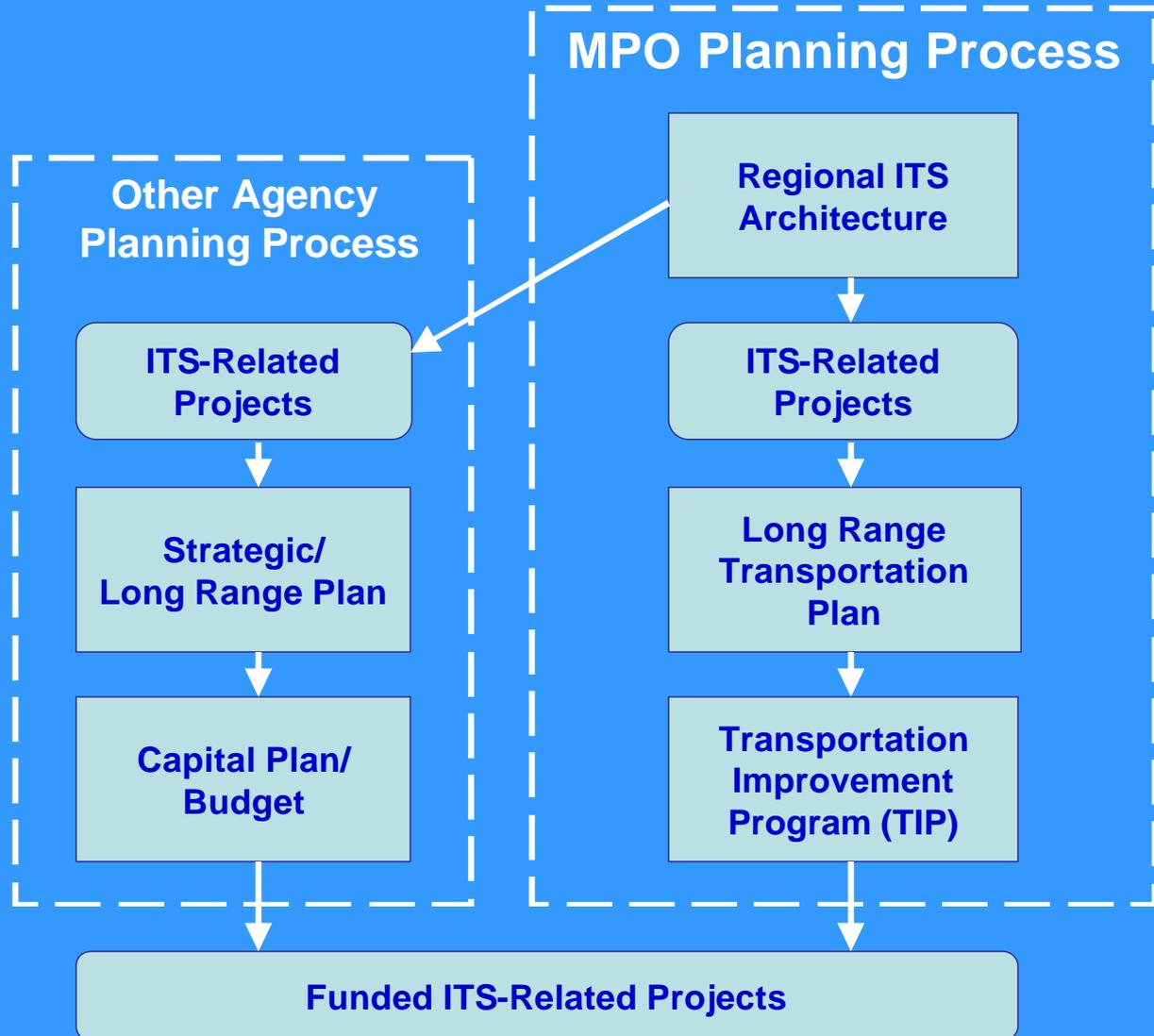
Architecture  
Workshop

# Implementation Plan

- Defines application of Architecture in planning process and project definition
  - Ultimate objective of Rule 940
- Describes high-level implementation approach
  - Project Sequencing
  - Agency Agreements
  - Funding Options

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# Planning ITS



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# Architecture Maintenance Plan

- Defines process for updating architecture definition
  - Project completion
  - Changes in regional needs/systems
- Documents who is responsible for updates
- Provides architecture baseline

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# Communications Plan

- Facilitates Architecture Implementation
- Leverages KDOT, City of Wichita, Sedgwick County Mobile Data and AVL Report
  - Mobile Systems Communications Requirements
  - Inventory
  - Wireless integration

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# Communications Plan

- Determine existing communications system infrastructure
- Identify additional communications requirements
- Identify public and/or private alternatives and solutions
- Identify communication technology applications

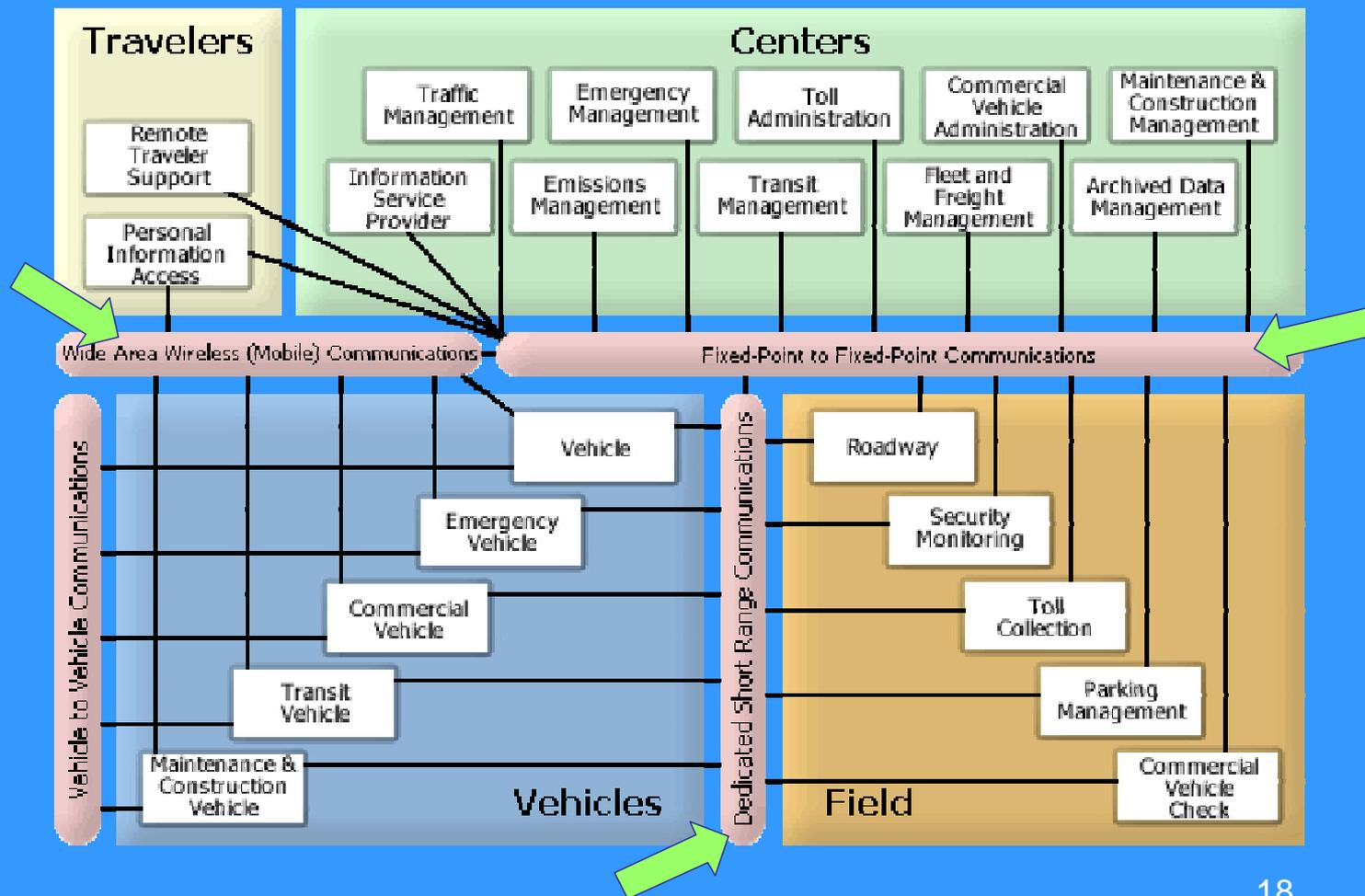
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# Architecture Link to Comm Plan

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# Outreach Approach

	Technical Staff	Decision-Makers/ Public Officials	General Public
Workshops	✓	✓	
Informative Presentations	✓	✓	
Interviews	✓		
Project Website	✓	✓	✓
Public Hearing			✓
Brochure/ Outreach Materials	✓	✓	✓

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Wichita

Wichita State Univ.

135

235

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# Overall Meetings/Workshops

- Kickoff Meeting - Today!
- Two Workshops to review and gather inputs
  - Architecture
  - Implementation Plan/Communications Plan
  - Three-day Workshops
    - Two days for detailed review
    - One half-day for management
- Plus a MPO – Show and Tell

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# First Architecture Workshop

- List of Stakeholders
- Preliminary Workshop Agenda
- Objectives of the Workshop
- Document What's New from Tier 2
- Expected Accomplishments of the Workshop
- Tentative Dates:
  - January 18-19 for technical review
  - January 20<sup>th</sup> for management

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# Stakeholders from Tier 2

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**Health Department**

# Invitation List for Workshop 1

- List all known stakeholders to invite to first workshop.

# Near Term Actions

- Invitation List (today)
- Draft invitation text (Iteris)
- Final invitation/distribute (MAPD)
- Pre-Workshop teleconference for coordination (Steering Committee)
- Facilities (MAPD)

# 2<sup>nd</sup> Workshop

- Focus on Draft Implementation Plan and Communications Plan Review
- Stakeholders may change
- Tentatively scheduled for
  - March 8-9 for technical review
  - March 10 for management

# Keys to Success

- Stakeholder Consensus
- Practical Implementation Plan
- Address Rule 940 Requirements
- Supportive Communications Plan
- April 4, 2005 Completion for Architecture
- Resource Availability