

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



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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Kick-off
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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Kick-off
Objectives

**Overview of
Project**

Architecture
Workshop

Overview of the Project

- Schedule
- Deliverable List
- Organization
- Architecture Development Approach

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Kick-off Objectives

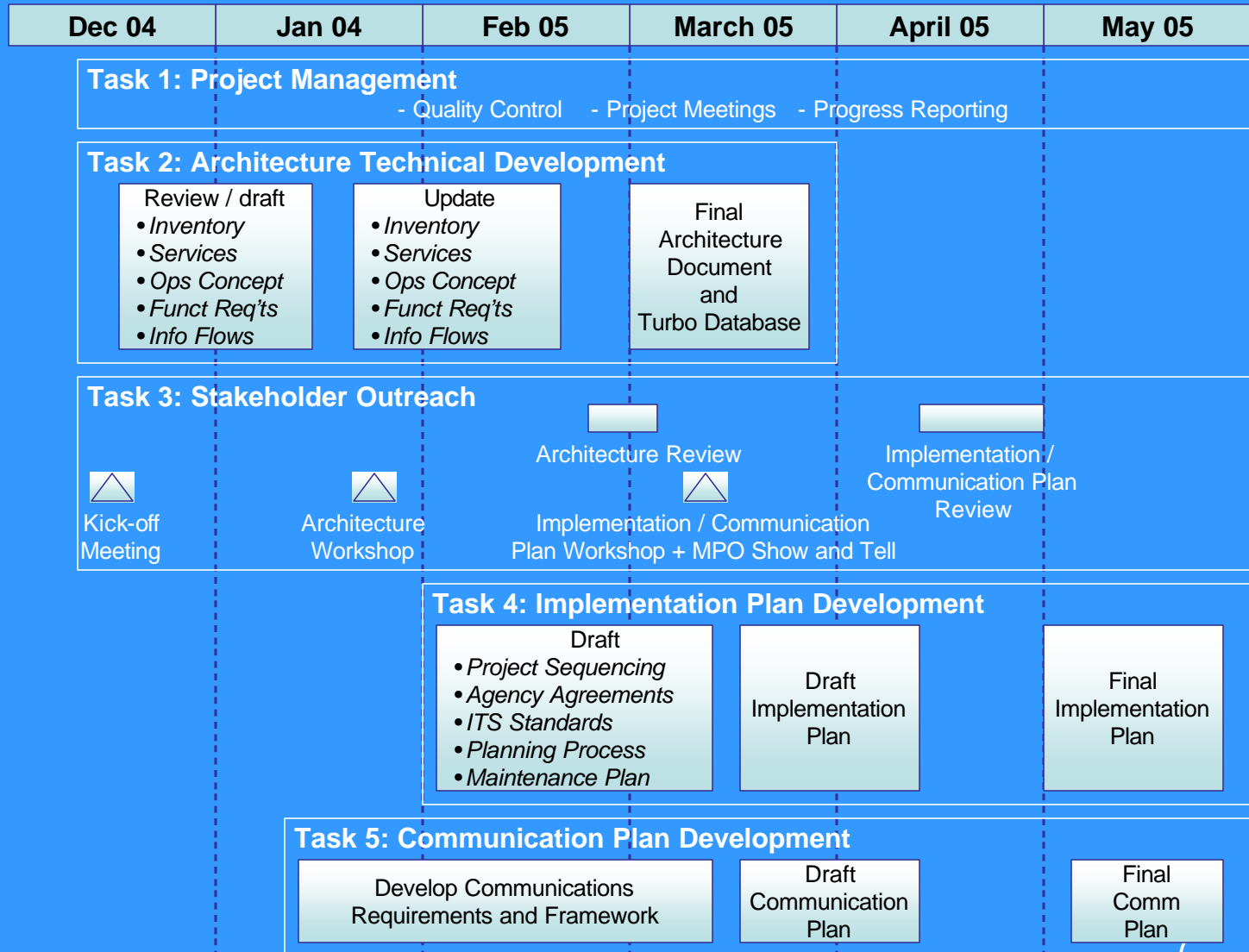
Overview of
Project
Architecture
Workshop

Project Objectives

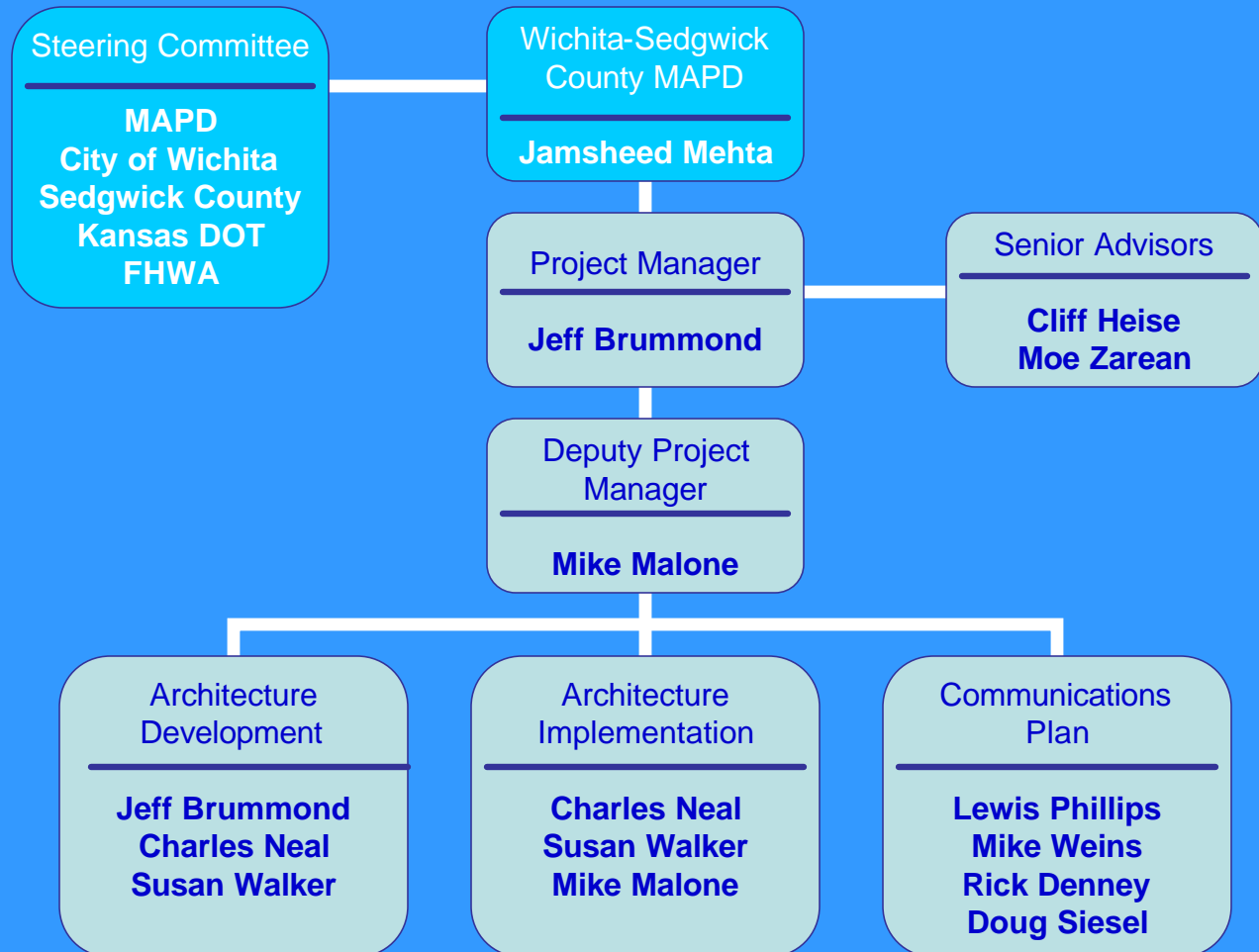
- Update and complete ITS Architecture by April 4, 2005 compliant with Rule 940
- Develop approach to integrate ITS Architecture into Planning Process and Project Definition Process
- Provide guidance for ITS Architecture Maintenance
- Establish Communications Plan that facilitates ITS Architecture

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Schedule



Proven Management and Development Experience



Architecture Development Approach

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

Kick-off
Objectives

Overview of
Project

Architecture
Workshop

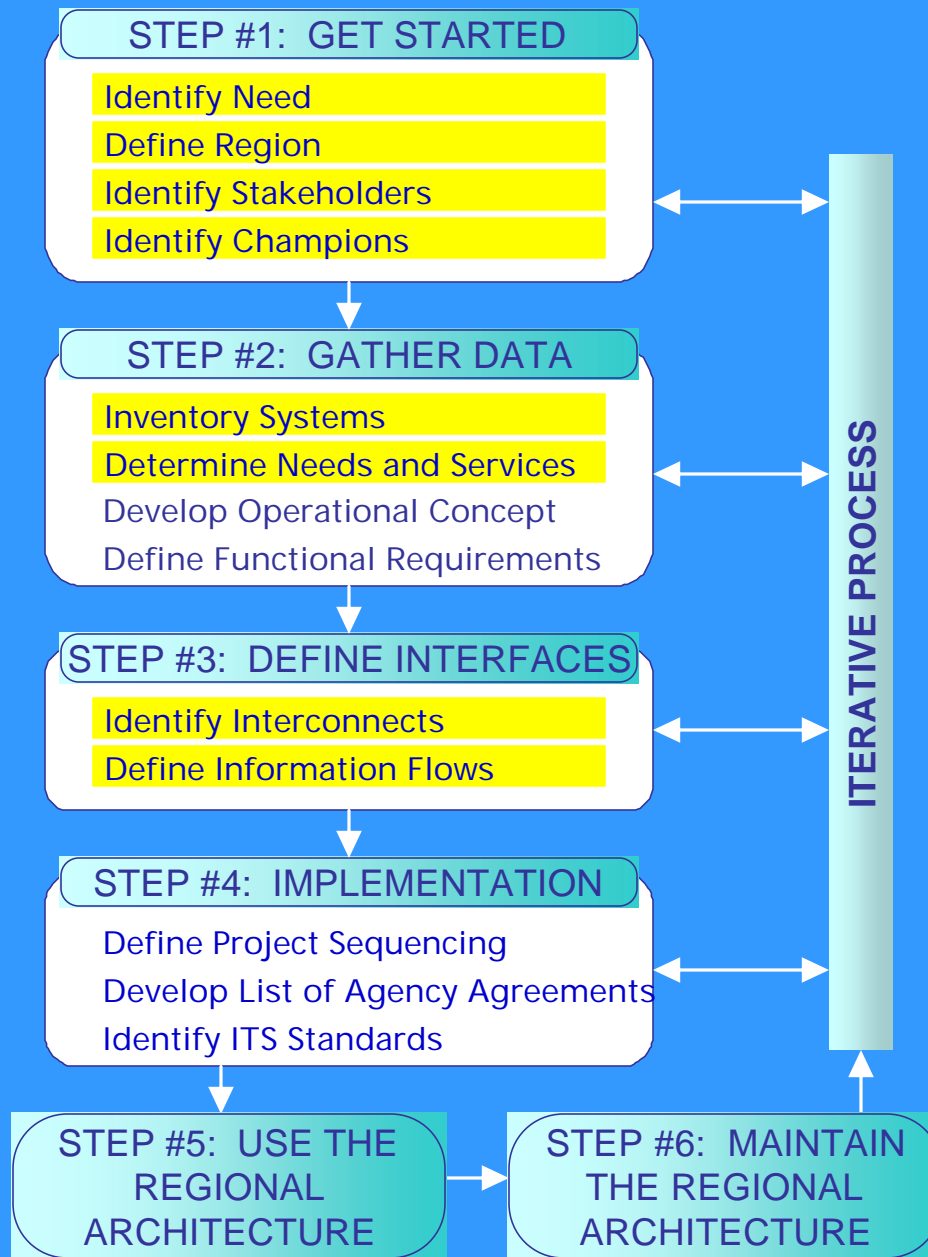


Starting Point



- We need to be as efficient as possible

What has been done so far ?



New Architecture Features

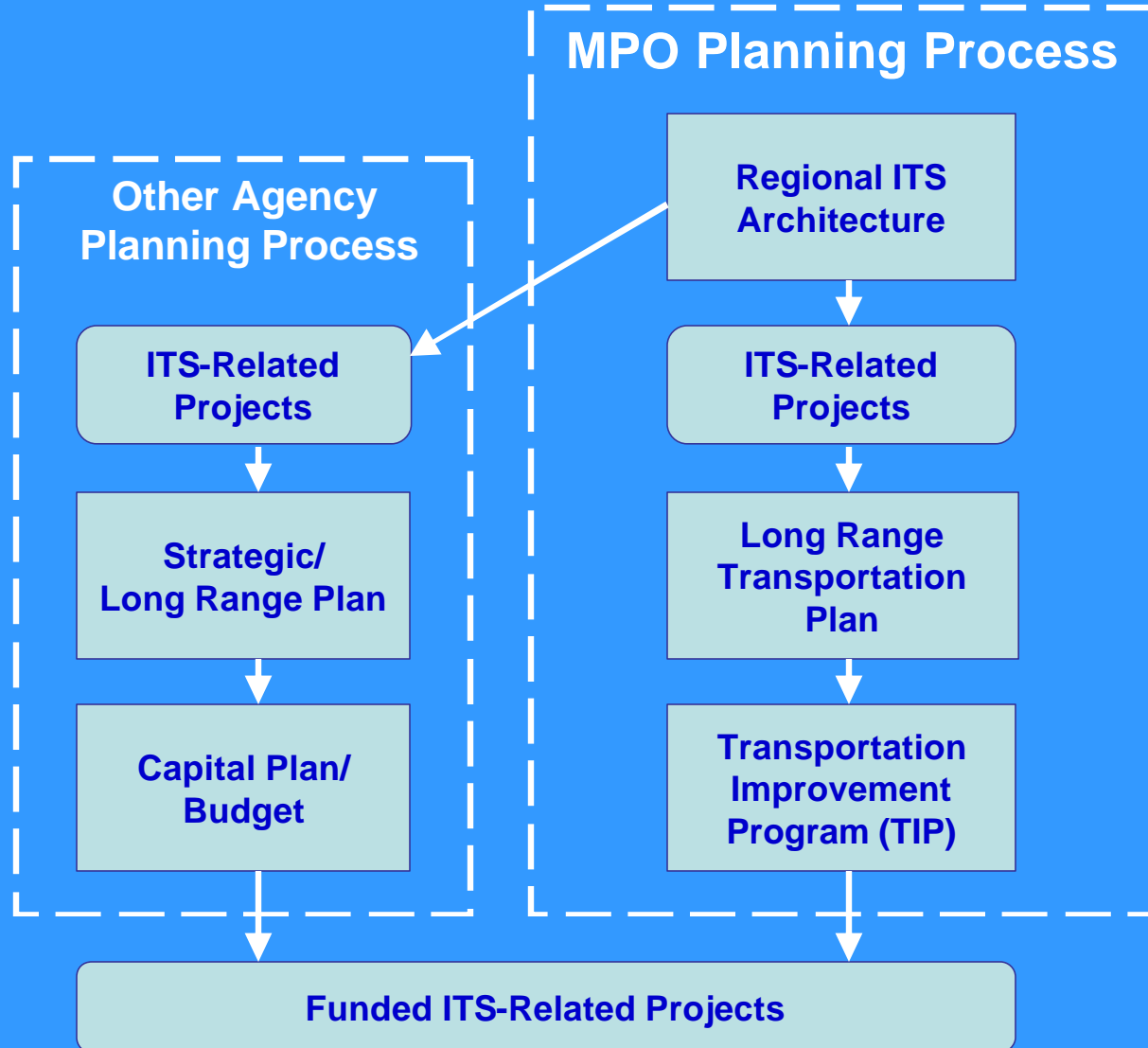
- Security
- Maintenance & Construction Operations
- Weather



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

Planning ITS



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Objectives

Overview of
Project

Architecture
Workshop

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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Objectives

Overview of
Project

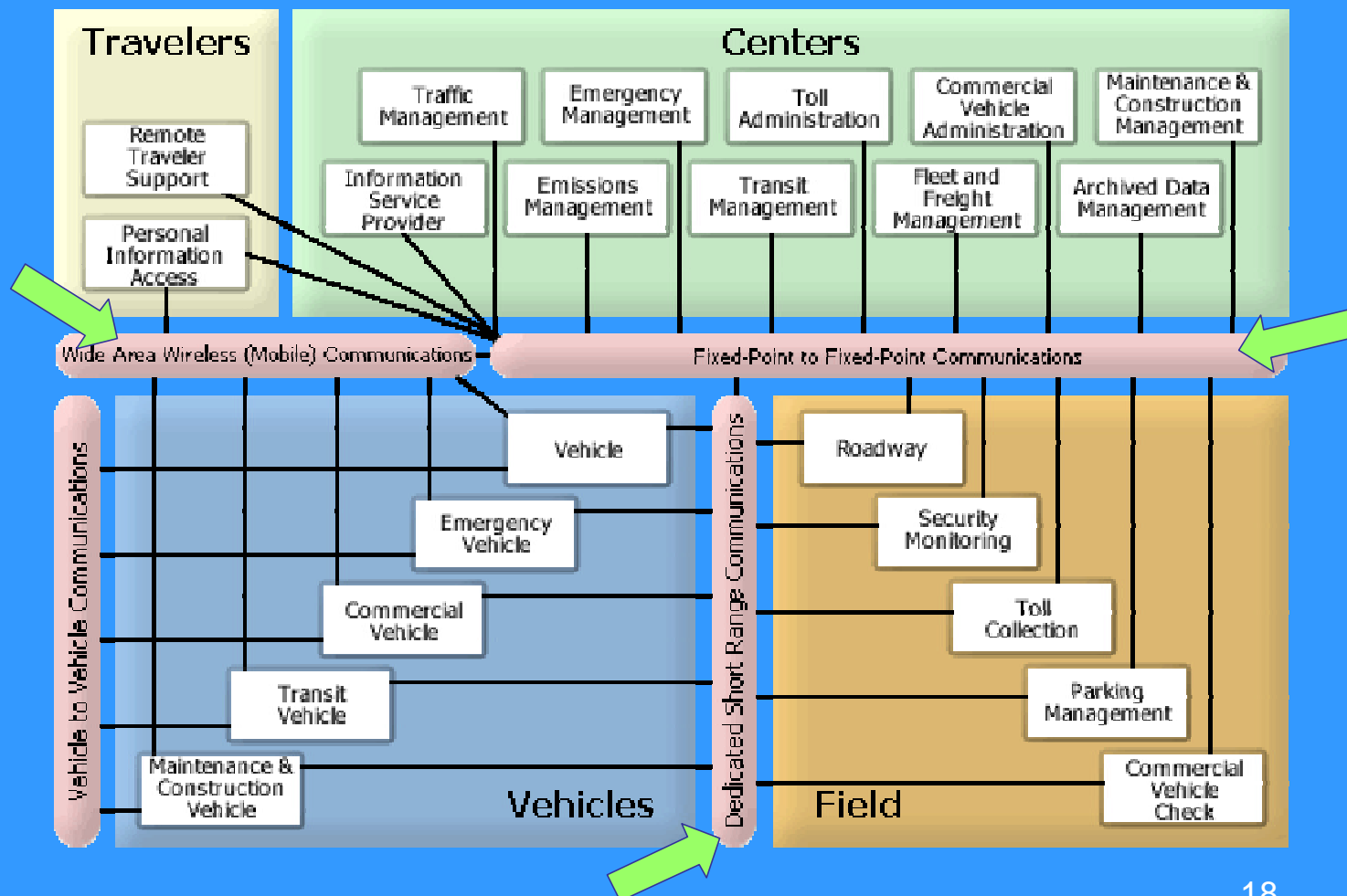
Architecture
Workshop

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



Outreach Approach

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



Kick-off
Objectives

Overview of
Project

Architecture
Workshop

Wichita

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Bel Aire

Wichita
State Univ.

135

235

Ham

61

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Kick-off
Objectives

Overview of
Project

Architecture
Workshop

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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Kick-off
Objectives

Overview of
Project

**Architecture
Workshop**

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 20th for management

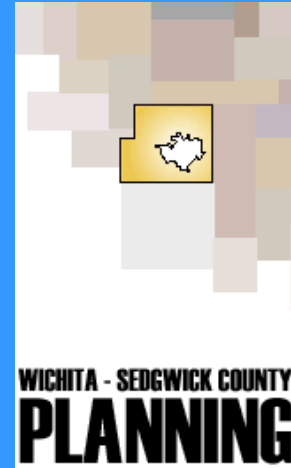
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Stakeholders from Tier 2

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Objectives

Overview of
Project

Architecture
Workshop



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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)

2nd 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

Kick-off
Objectives

Overview of
Project

**Architecture
Workshop**

Keys to Success

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

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