



# Integrating Planning and Operations in Kansas City

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TRB: Meeting Federal Surface Transportation Requirements  
in Statewide and Metropolitan Transportation Planning

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# Mid-America Regional Council

- Council of Governments
- Metropolitan Planning Organization
- Multipurpose Organization:
  - Aging Services, Early Education, Economic & Demographic Research, Environmental Management, Government Innovation & Training, Public Safety & Transportation

# Kansas City Region

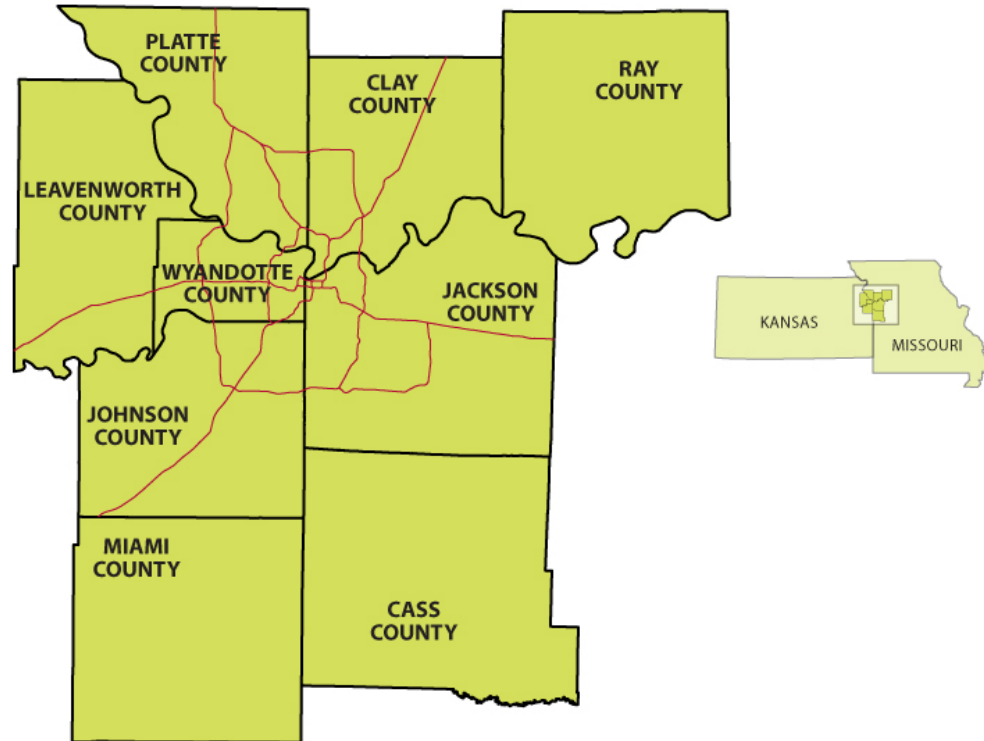
2 States

9 Counties

120 Cities

1.9 m Pop.

4,400 Square  
Miles



# KC Transportation Context



- 1,870 Freeway Lane Miles
- 64th Most Congested Metro
- 3 Transit Operators
- Freight Hub

# Major M&O Issues



- Non-recurring congestion
- Transit coordination
- Freight management
- Safety
- Demand management/mode choice

# Integration Strategies

- External – MARC ‘participates’
- Internal – MARC ‘manages’

# External Integration

- MARC Participates In:
  - KC Scout -- Freeway Management System
  - Local Traffic Signal Management
  - KC SmartPort -- Freight/Trade Processing
  - Smart Moves -- Transit Plan
  - 511 -- Under development
  - Traffic Incident Management Plan

# External Integration Example



- Freeway ATMS
- 2 States
- 75 Centerline Miles
- \$46 Million Budget
- MARC Role:
  - Advisory Board Member
  - Coordinate with Regional ITS Architecture & OGL



# Internal Integration

- MARC manages:
  - Plan/TIP
  - CMS/CMP
  - Regional ITS Architecture
  - Operation Green Light
  - RideShare Program
  - M&O Work Group

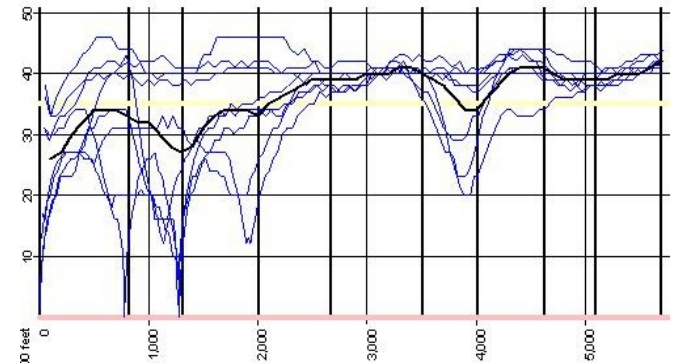
# Internal Integration Example

- Arterial Traffic Signal Coordination
- 2 States & 20 Cities
- 634 Intersections
- \$13 Million Budget
- MARC Role:
  - Project Manager



# Integrating M&O Requires

- New staff expertise & resources
- Relationships with new partners
- New data & analytic tools



# Summary

- MARC integrates M&O by managing internal initiatives and participating in external initiatives
- MARC Plan includes M&O Strategies
- TIP Includes Federally-Funded M&O

# Next Steps



- Plan update to strengthen:
  - M&O Objectives
  - Performance measures
  - Fiscal constraint of M&O initiatives

# For more information

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