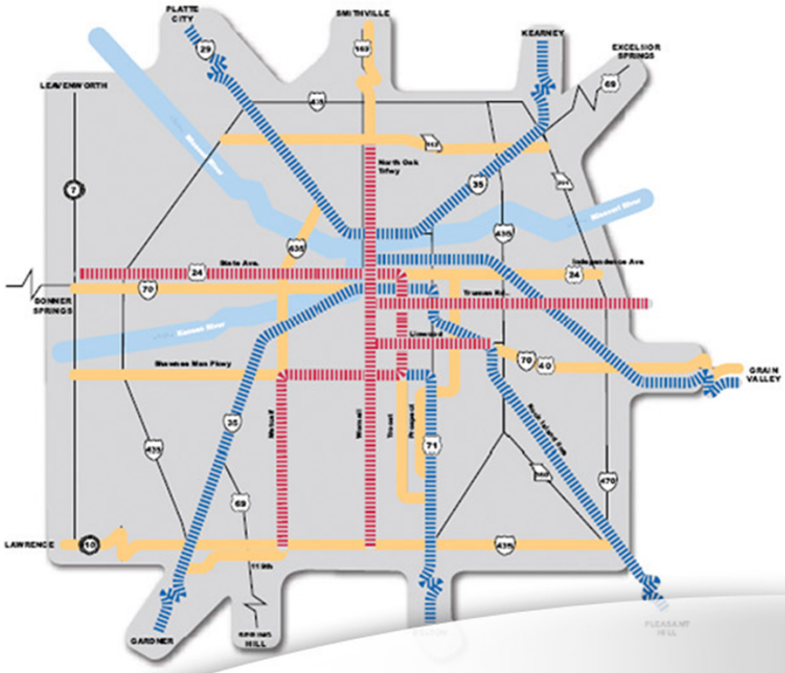


MID-AMERICA REGIONAL COUNCIL

Regional Transit Implementation Plan – Phase III

1/23/2011

OLSSON ASSOCIATES

Phase III- PRIMARY OBJECTIVES

Solidify Regional Transit Plan

- Use the findings from the current transit studies to solidify a detailed regional transit plan inclusive of Urban, Commuter, and Local services. The regional plan will detail preferred service strategies and include a corresponding financial analysis to ensure a full understanding of the plan's make-up and the feasibility of implementation.

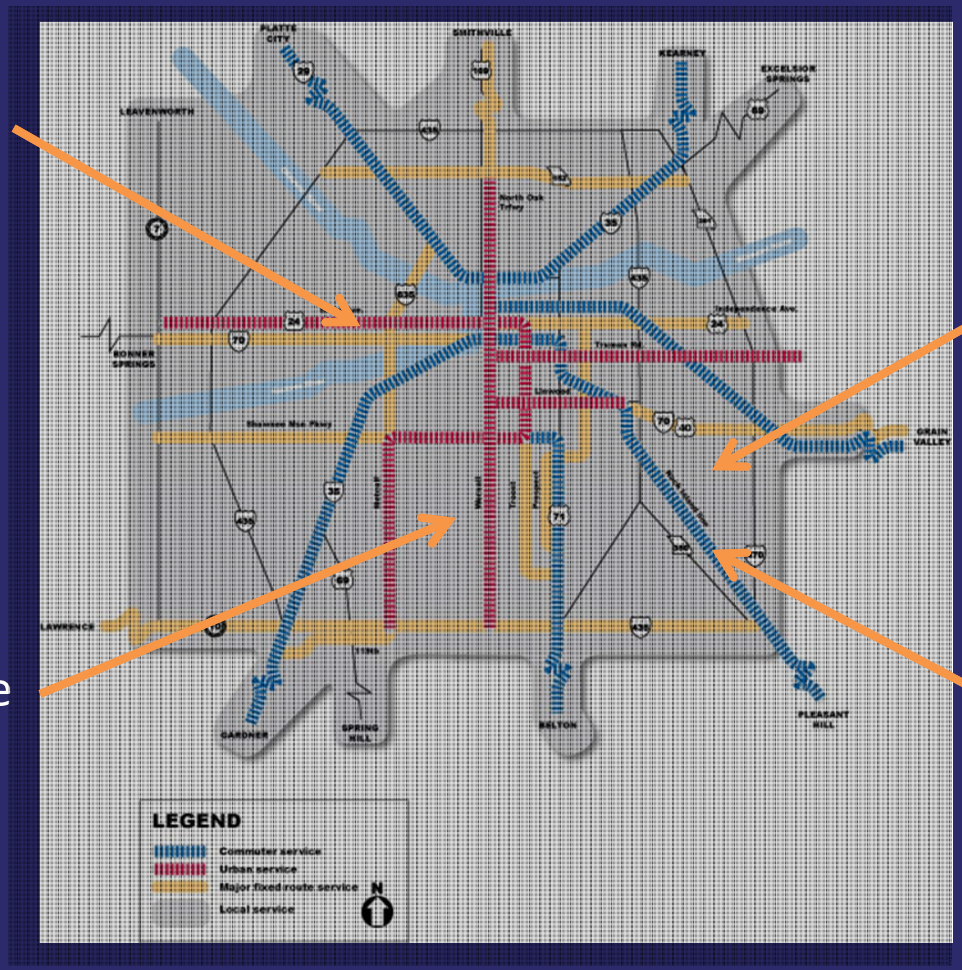
Develop an overall regional implementation strategy and approach

- Identify and advance policy actions necessary to support plan implementation. The implementation strategy will clarify necessary steps to advance overall plan implementation, and include items such as detailed policy and financial actions necessary to support concept advancement and potential financial strategies.

SMART Moves

Urban Corridors

Local Fixed-route Circulators and connectors

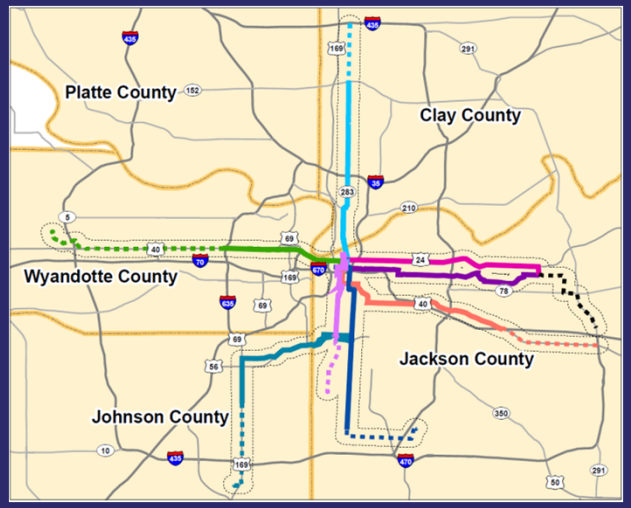


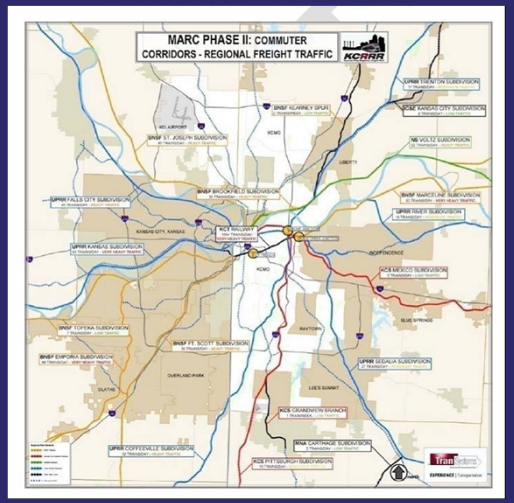
Community based paratransit services

Commuter Corridors

Project Purpose

- To build on Phase I and Phase II of the Smart Moves Implementation Plan and further describe and define transit systems integration throughout the region.

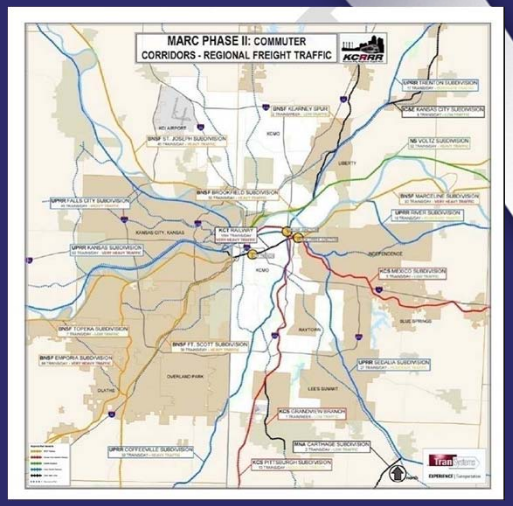




Project Plan

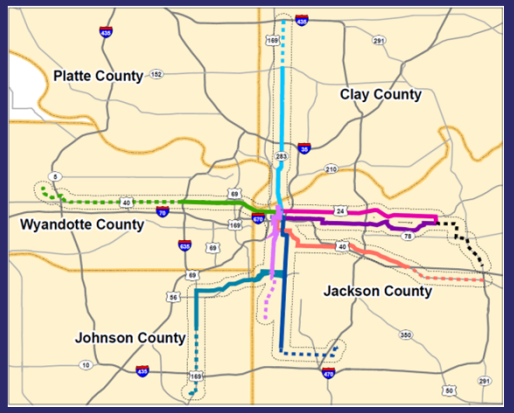
- Integrate Phase I and Phase II findings
- Analyze local fixed-route and community-based paratransit service needs
- Formalize Transit Plan service assumptions
  - Urban Corridors
  - Commuter Corridors
  - Local Fixed Route
  - Community Based/ Special Transportation Services
- Assess transit funding financial outlook and develop Integrated Financial Strategies

Integration of Phase I & II Findings



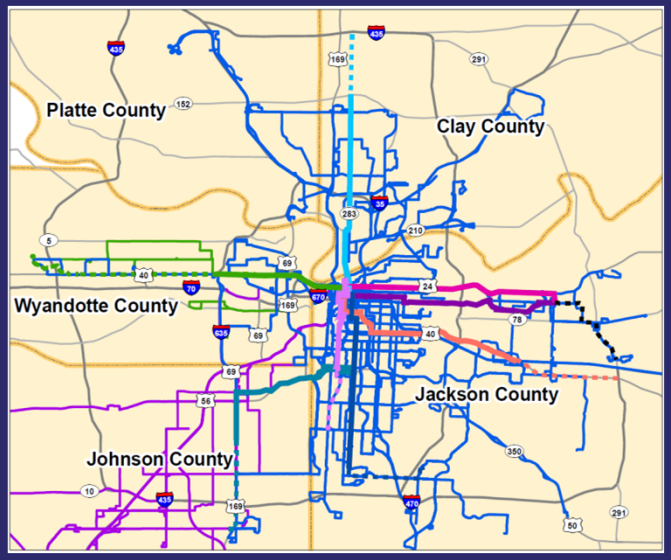
- Develop operational strategies
  - Eliminate redundancies
  - Identify service gaps
  - Define and describe connectivity

- Develop capital improvement strategies
  - Identify needed infrastructure improvements necessary to support system and service integration (Transit hubs, centers, stations, park & rides, etc.)



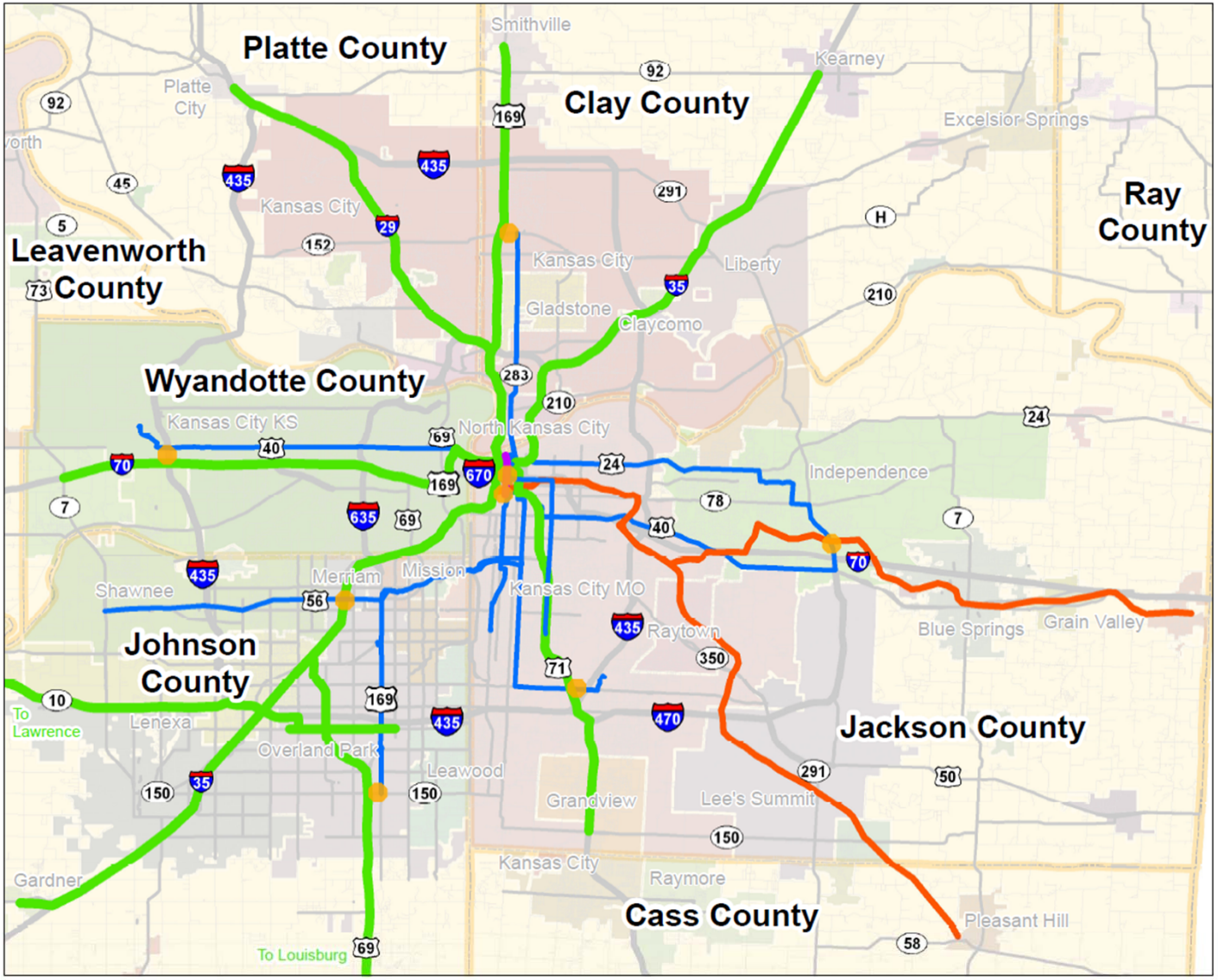
Analysis of Local Service Needs

- Catalogue and summarize existing and planned local fixed-route and community-based paratransit service by county sub-area
  - Describe service characteristics by county sub-area
  - Describe transit/paratransit usage by county sub-area
  - Denote planned improvements to local services



Formalize Transit Plan Service Assumptions

- Formalize Transit Plan service assumptions to use for costing, scenario development, etc.
  - Urban Corridors (BRT & Downtown Street Car)
  - Commuter Corridors (Commuter Rail & Express Bus)
  - Local Fixed Route Services
  - Community Based/ Special Transportation Services
  - Ten-year plan horizon



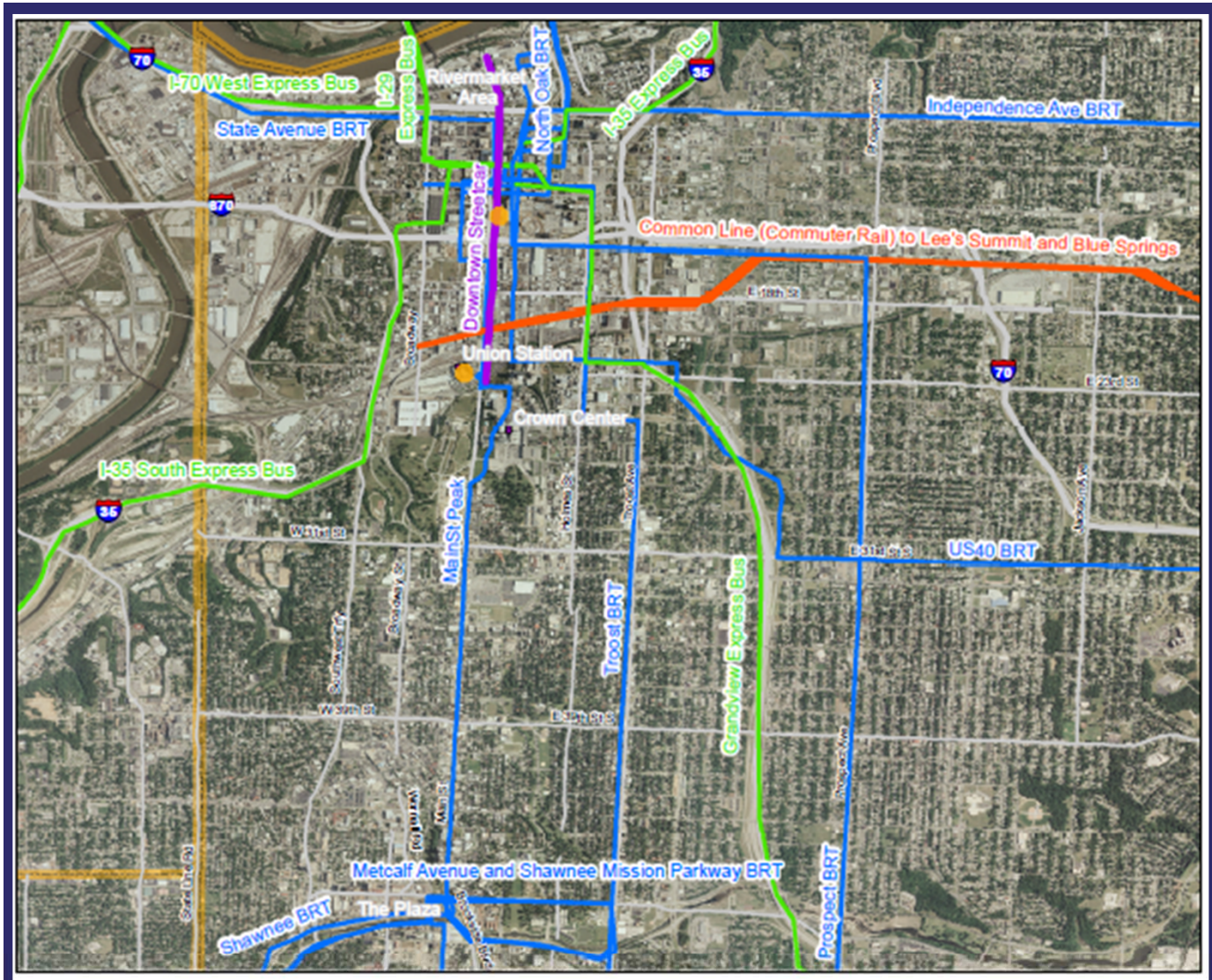
Rapid Transit 10 Year Horizon

- Streetcar (Downtown KCMO)
- BRT (Bus Rapid Transit)
- Rail Based Commuter Corridor
- Bus Based Commuter Corridor
- Connectivity Points

Miles
0 5 10

NORTH

OLSSON ASSOCIATES



Rapid Transit 10 Year Horizon

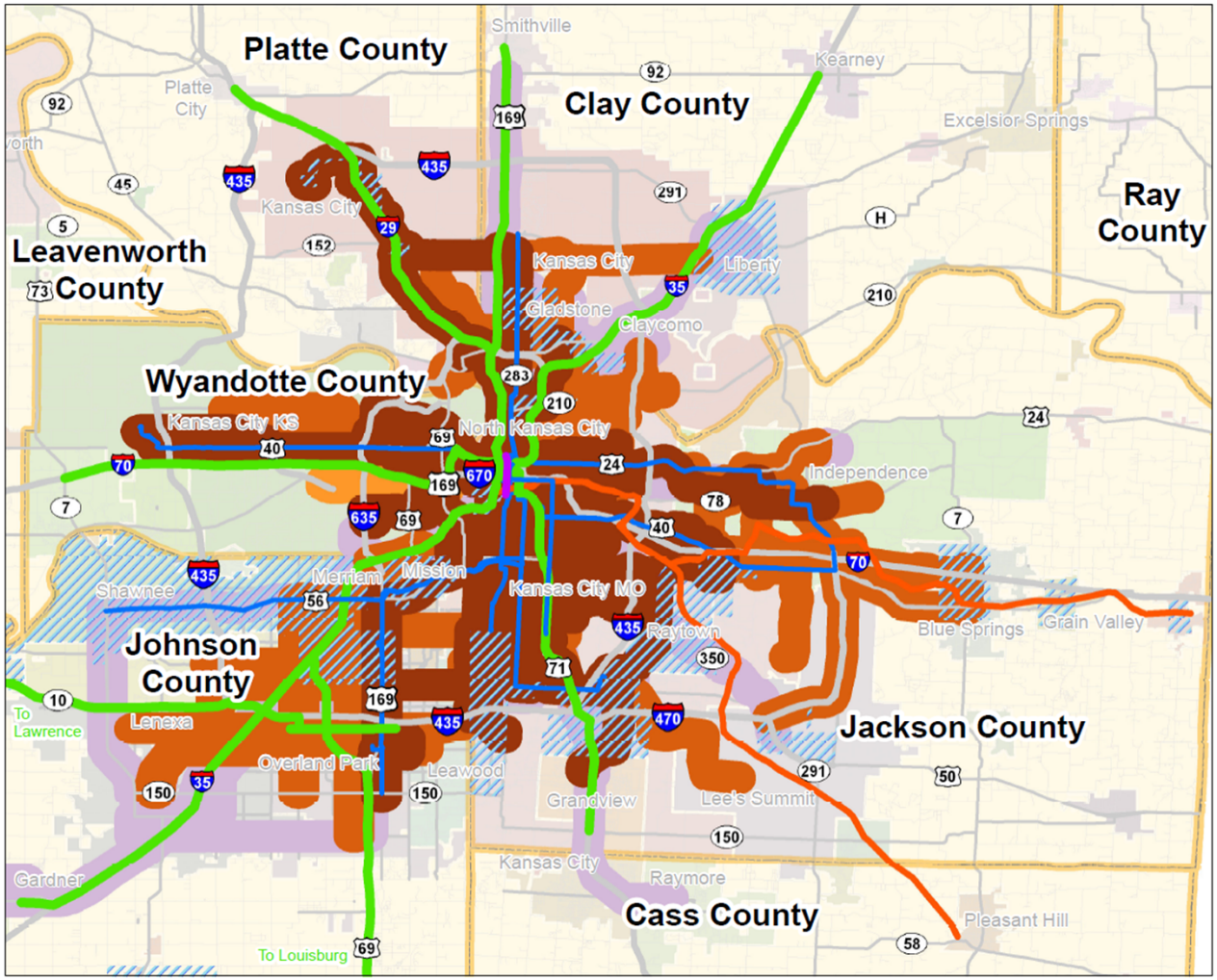
- BRT (Bus Rapid Transit)
- Rail Based Commuter Corridor
- Bus Based Commuter Corridor
- Streetcar
- Connectivity Points

Miles

0 0.5 1 1.5 2

NORTH

OLSSON ASSOCIATES



Future 10 Year Service Frequency

- 10 Yr Flex Route Areas
- 10 Yr 31 to 60 Minute Peak
- 10 Yr 1 to 30 Minute Peak
- 10 Yr Peak Hour Only
- 10 Yr Over 1 Hour Peak

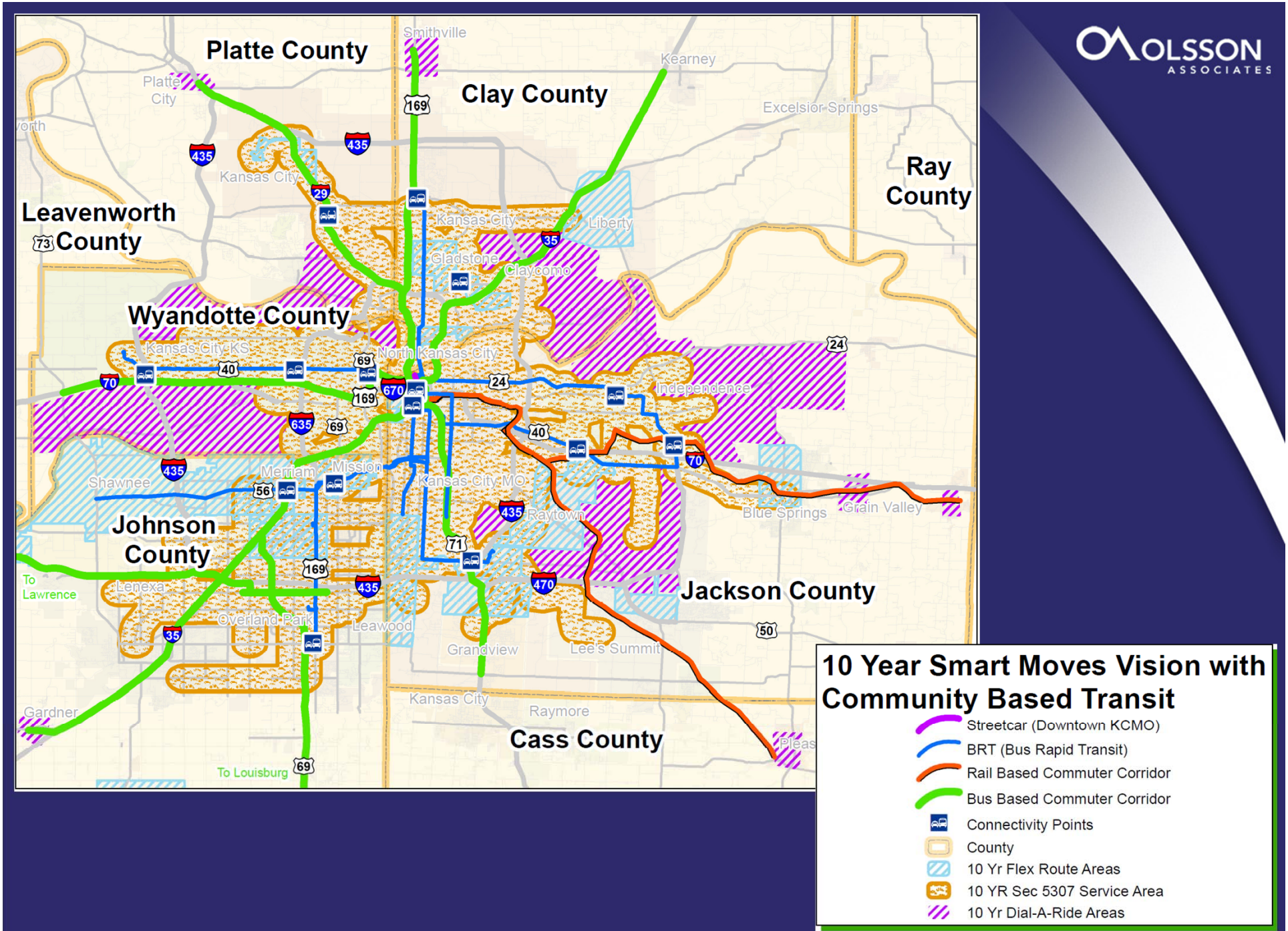
Rapid Transit 10 Year Horizon

- Streetcar (Downtown KCMO)
- BRT (Bus Rapid Transit)
- Rail Based Commuter Corridor
- Bus Based Commuter Corridor

Miles
0 5 10

NORTH

OLSSON ASSOCIATES


Platte County
Clay County
Ray County
Leavenworth County
Wyandotte County
Johnson County
Jackson County
Cass County
Smithville
Kearney
Platte City
Excelsior Springs
Kansas City
Liberty
Gladstone
Claycomo
Kansas City, KS
North Kansas City
Independence
Shawnee
Merriam
Mission
Kansas City, MO
Raytown
Blue Springs
Grain Valley
Lenexa
Overland Park
Leawood
Grandview
Lee's Summit
Gardner
Raymore
To Lawrence
To Louisburg
10 Year Smart Moves Vision with Community Based Transit
Streetcar (Downtown KCMO)
BRT (Bus Rapid Transit)
Rail Based Commuter Corridor
Bus Based Commuter Corridor
Connectivity Points
County
10 Yr Flex Route Areas
10 YR Sec 5307 Service Area
10 Yr Dial-A-Ride Areas

Assess financial outlook and develop integrated financial strategies

- Review and identify key cost/revenue issues
- Assess current service costs and related financing mechanisms
- Develop an integrated financial outlook based on past trends and current forecasts
- Develop financial scenarios and related integrated financial strategies

Coordination and Outreach

- Project coordination
  - MARC staff
  - Smart Moves Technical Committee
  - MARC Transit Committee
  - MARC Special Transportation Advisory Committee
  - MARC Total Transportation Policy Committee
- Outreach
  - Input meetings with stakeholders in each county sub-area

Transit Committee Schedule and Next Steps

- December 1st- Review Initial Plan Service Assumptions
  - Urban Corridors (BRT & Downtown Street Car)
  - Commuter Corridors (Commuter Rail & Express Bus)
- February- Review Plan Services Assumptions
  - Local Fixed Route
  - Community Based/Special Transportation
- March- Financial Outlook Discussion
- April- Financial Strategy Discussion
- May- Local Engagement