

# **Partnerships for Progress: Transportation and Economic Development in Memphis, TN**

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# Paradigm Shift

## The Times Are A'Changing



Source: Bob Romig  
State Transportation Development Administrator  
Florida Department of Transportation



Individual modes and facilities

- Complete end-to-end trip

Individual jurisdictions

- Economic regions and trade corridors

Facility design standards

- User-oriented service standards

Capacity and throughput

- Reliability and bottlenecks

Travel time and vehicle  
operating costs

- Business logistics and economic competitiveness

Reacting to economic growth  
and community and  
environmental impacts

- Proactive planning for economic, community and environmental goals



# Quadra- Modal Strategy

**RAIL**

**RUNWAY**

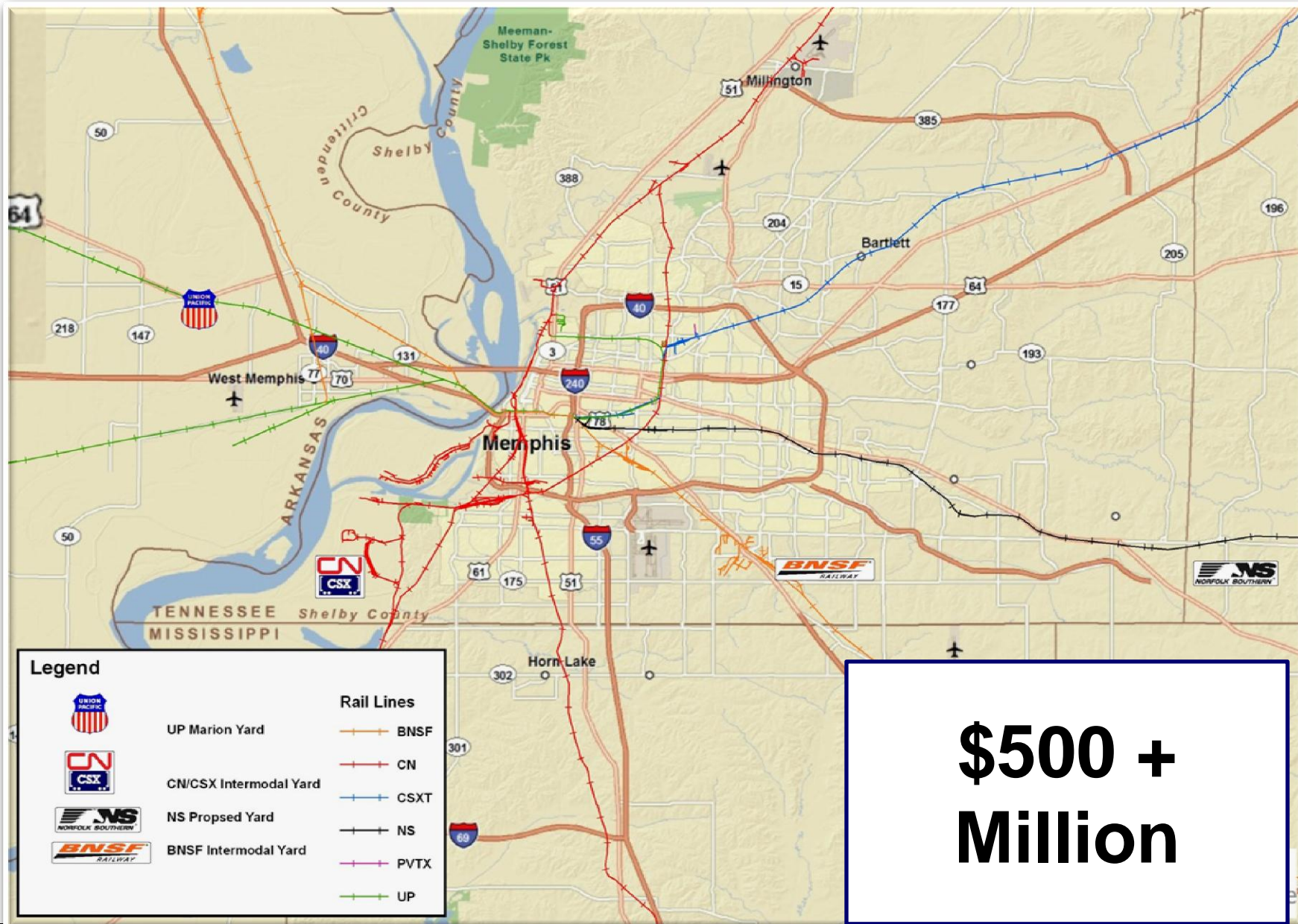
**RIVER**

**ROADWAY**











# Railway





# Runway

Largest Cargo Airport in US  
Second Largest in the World





# River

4<sup>th</sup> Largest Port on Inland  
Waterway System





# Roadway

2 Interstate Highways + 2 New Interstates  
+ 4 Major US Highways





# Warehouse/Distribution

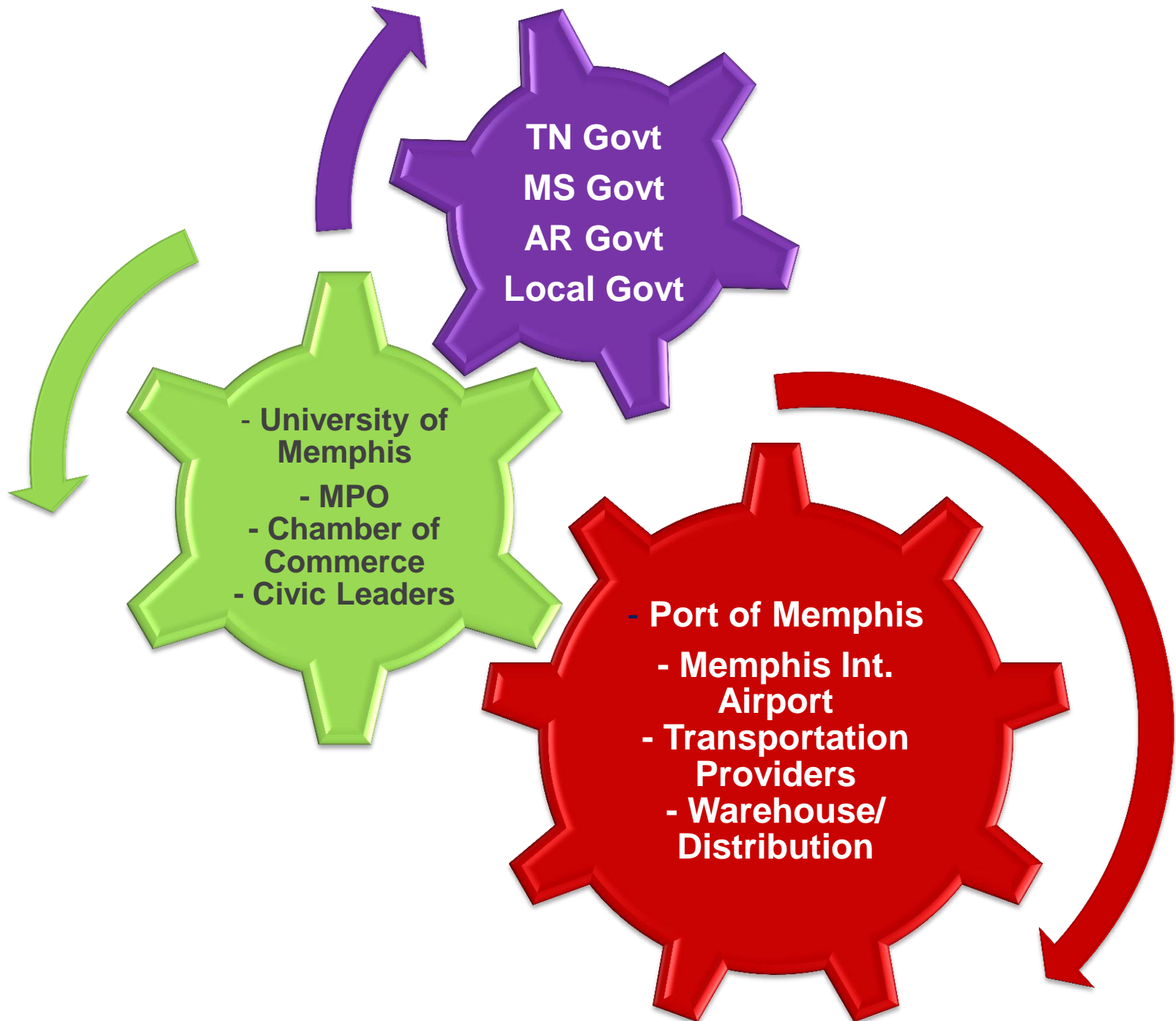


WILLIAMS-SONOMA



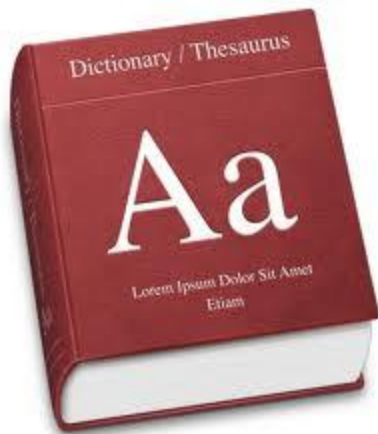
**Medtronic**







# Aerotropolis



A city or an economic hub that extends out from a large airport into a surrounding area that consists mostly of distribution centers, office buildings, light manufacturing firms, convention centers, and hotels all linked to the airport via roads, expressways, and rail lines





# Memphis: America's Aerotropolis™

*Where Runway, Road, Rail & River Merge™*





# Memphis Regional Infrastructure Plan

**GOAL:** To identify the capabilities and capacities of the region's current freight infrastructure systems and identify strategic projects with the most potential to integrate these systems with global supply chain requirements and boost the area's prosperity



# Study Elements

- Memphis in the Global Supply Chain
- Memphis Freight Infrastructure Inventory
- Freight Infrastructure Assessment
- Recommendations



# Emerging Trends

- Expansion of the Panama Canal
- Production shifting from China
- Domestic air freight will decrease
- Rail Service will grow in Importance
- “Greening” of the supply chain



# Implications for Memphis

- Continued Trade Growth
- The Future is in Containers
- West Coast Port Congestion will Continue
- Looking East and South for Partners
- Connectivity is the Key
- Rail is the Future



## Legend



Memphis International Airport



Port of Memphis



BNSF Intermodal Yard



UP Marion Yard



CN/CSX Intermodal Yard



NS Propsed Yard



Private Warehouse



Public Warehouse



Truck Terminal



Distribution Center



Major Shipper & Distribution Center

Access Roads

Proposed I-269

Travel Pattern

70 - 112

55 - 70

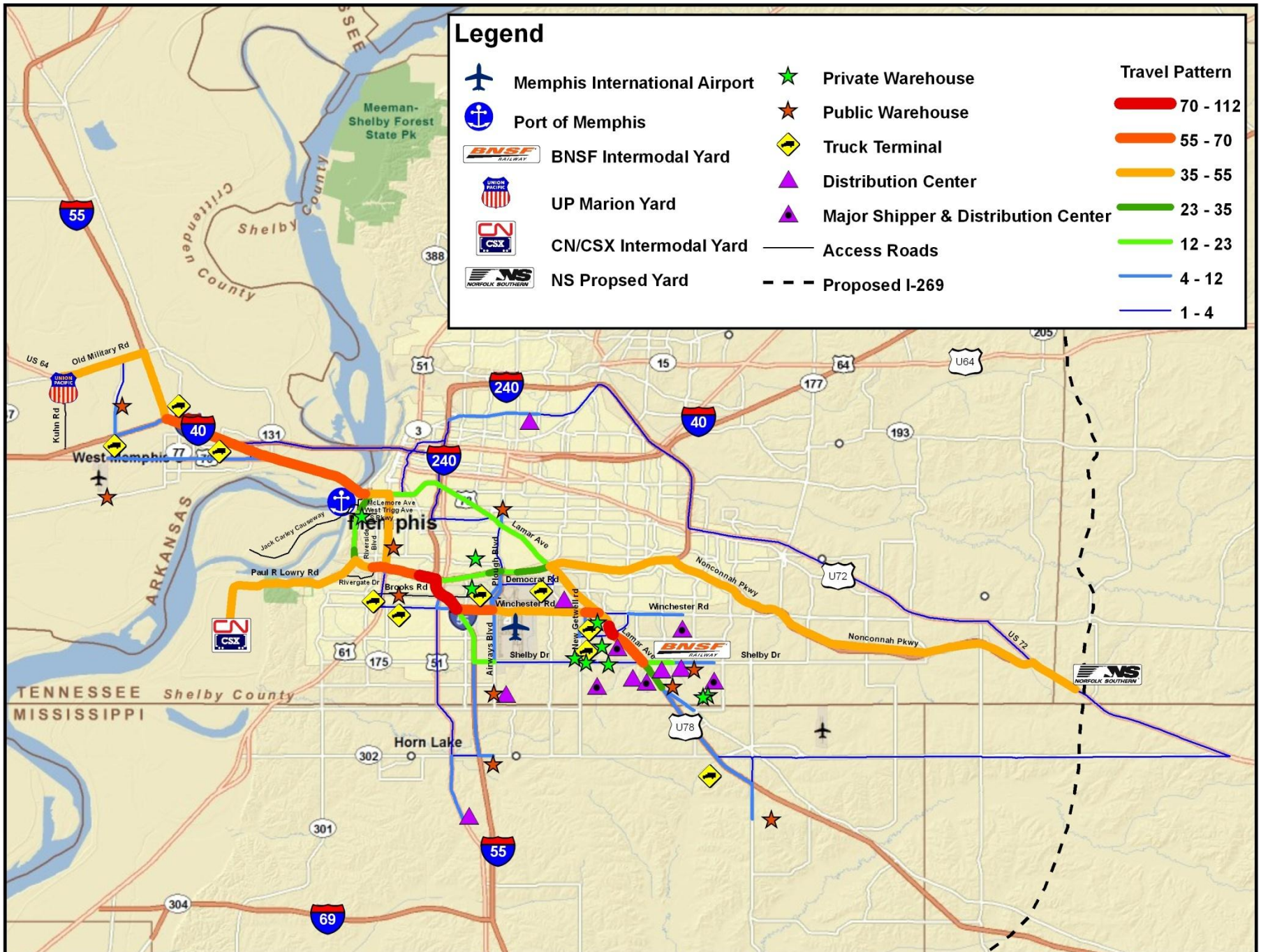
35 - 55

23 - 35

12 - 23

4 - 12

1 - 4





# Recommendations

Transportation	Objective	Components
Highway	Interregional Connectivity	Rail Intermodal Memphis International Airport Port of Memphis Shippers & Receivers Truck Terminals Warehouses
Air Freight	Aerotropolis Expansion	
Rail	Intermodal Growth	
Water	Rail/Truck Accessibility	



# Memphis Major Roads Committee

- Also serves as the MPO Freight Committee
- Mix of Private/Public Membership
- Identify Projects
- Recommend Priorities



# Regional Logistics Council

- Brings community together on freight issues
- Quarterly meetings attended by both private and public sectors



# Focused Concerns

- Lamar Avenue – US 78
- Airport “Front Door”
- Connectivity – Rail, Road, River, Runway
- Southern Gateway – New Bridge
- Workforce Development



# Summary Points

- Recognize Transportation/Economic Development Linkage
- Form Key Effective Partnerships
- Stick to the Vision
- Think Nationally and Regionally – Act Locally



**Thank You,  
Thank You Very Much**

