

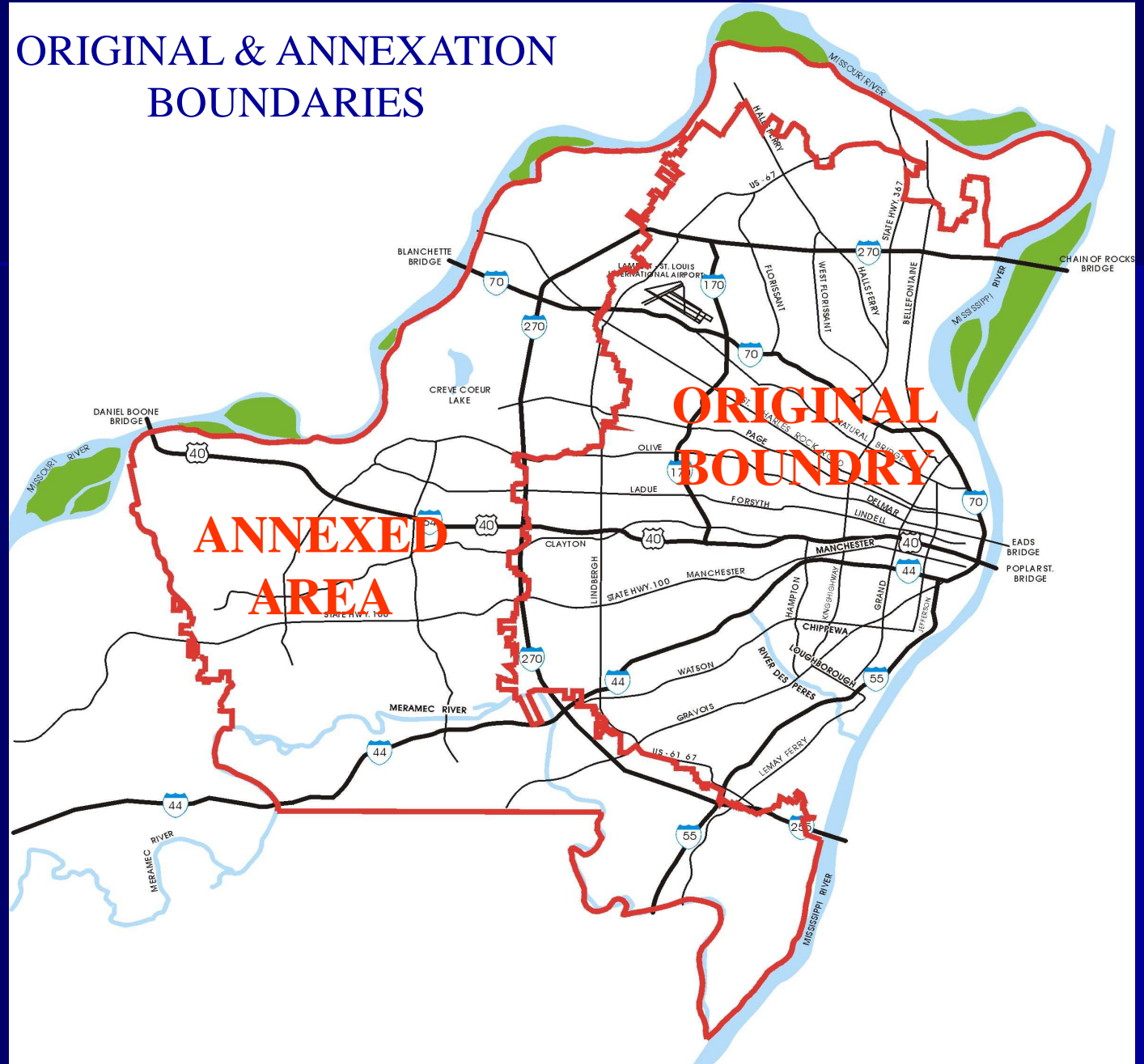
Regionalization Lessons Learned

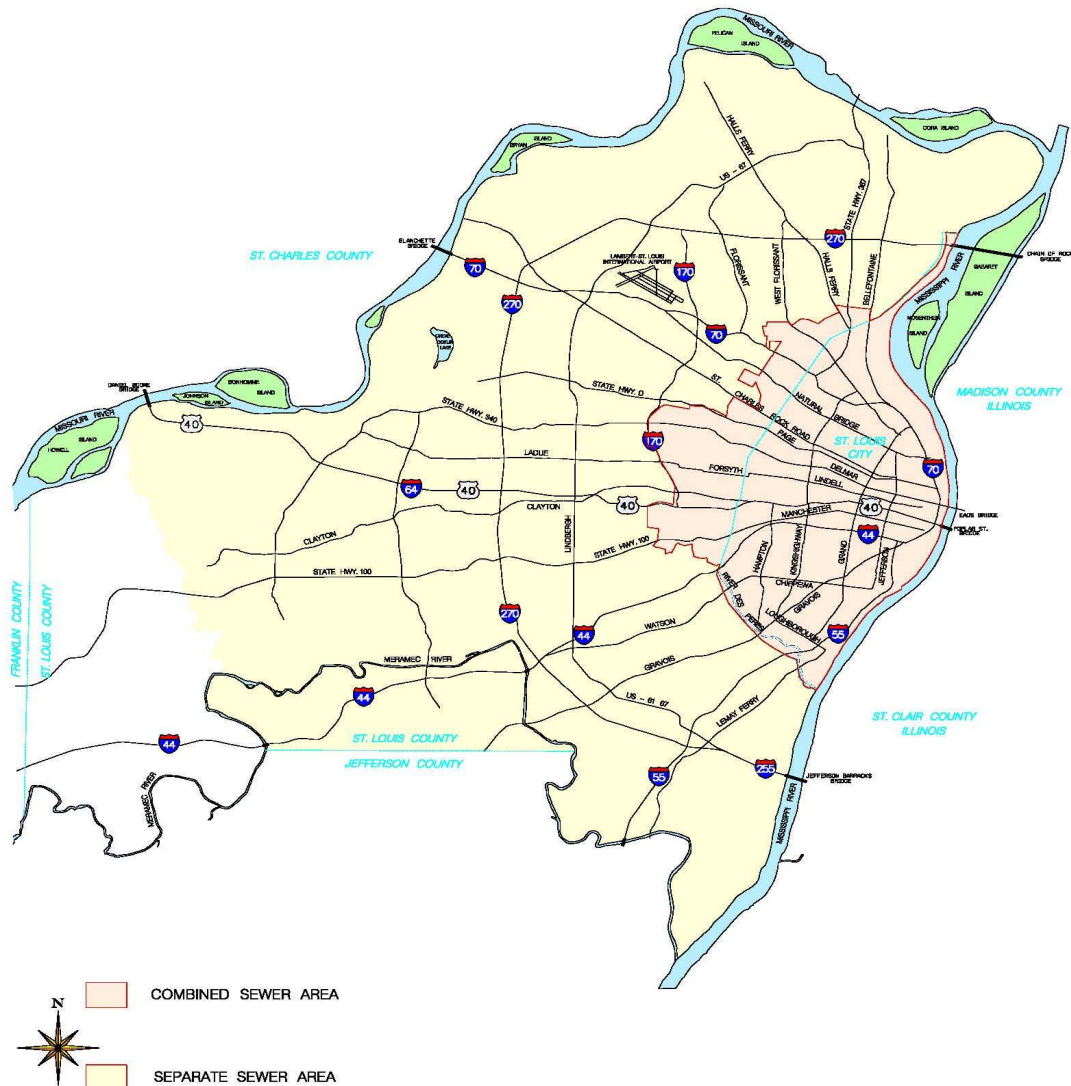
NACWA Winter Meeting
February 4th 2010
Austin, Texas

St. Louis MSD

- Created in 1954
- Wastewater & Stormwater Utility
- St. Louis City & 30% St. Louis County
- Chartered under Missouri Constitution
- Assumed control of all public systems
- Acquired numerous private systems

ORIGINAL & ANNEXATION BOUNDARIES





- City of St. Louis
- 20 other cities

- St. Louis County
- 70 other cities

- All wastewater
- All stormwater
- 508,000 retail
- 1 wholesale
- Pop. 1.4 million



The Metropolitan St. Louis Sewer District

MAJOR WATERSHED SERVICE AREAS



- 5 watersheds

- 7 POTWs

Economies

- Plants

- Sewer systems

- Pretreatment

- Info Technology

- Biosolids

- Laboratory

- Fleet

- Financial

20 Sub-Watersheds

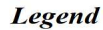
■ Holistic planning

- Modeling
- Mapping
- Capacity Assurance
- Permitting

■ Infrastructure

- Condition
- Flow metering
- Asset Renewal
- Green Infrastructure
- I/I removal
- Customer service





- 92 municipalities
- Over 725 Elected Officials

Stormwater

- Uniform standards
- Sole public drainage system owner
- 60 MS4 co-permittees
- Multi-jurisdictions
 - Floodplains
 - Creek setbacks
 - Land disturbance

Is Regionalism Good?

- Economies of Scale
- Consistent Services
- Regional solutions are required
- Differences can destabilize
 - Rate challenges/lawsuits
 - De-annexation battles
- Governance maybe be inadequate
- Regulatory implications

Considerations

- Regional approaches maybe important to achieve solutions

But...

- What is enough economy of scale?
- Will annexation help or hurt?
- Expansion of services vs service areas?
- What position will the regulators take?