

# LOWER REPUBLICAN PROJECTS UPDATE

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March, 7 2017



# History

- February 24, 2015
  - Supreme Court ruled in favor of KS that NE had “knowingly failed” to comply with the Republican River Compact
  - KS awarded \$5.5m
    - \$2m to Attorney General for litigation fund
    - \$3.5m to KWO for Republican River Water Conservation Projects
- January 6, 2016
  - Stakeholder group met
    - \$2.5m to projects within KBID
    - \$1m to projects outside of KBID
  - Split was a combination of where damages had occurred vs which projects could be implemented to benefit overall basin

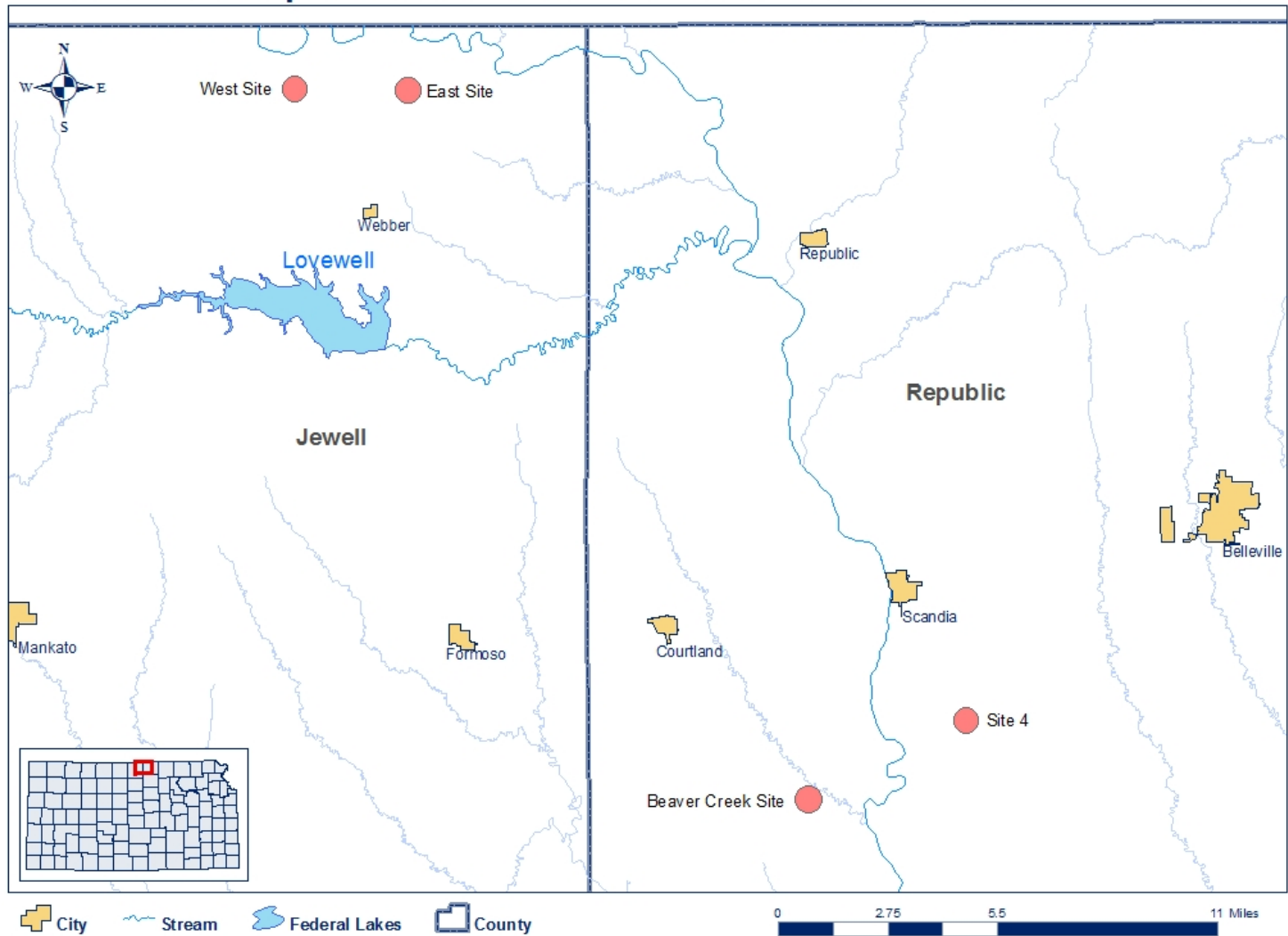
# History

- With increased efficiency from KBID projects, basin will need:
  - Legal and operational mechanism to get access to water within Harlan County Reservoir to compensate for depletions
    - Access District currently forming
  - Additional storage to increase supply during dry periods

# Small Reservoir Feasibility Study

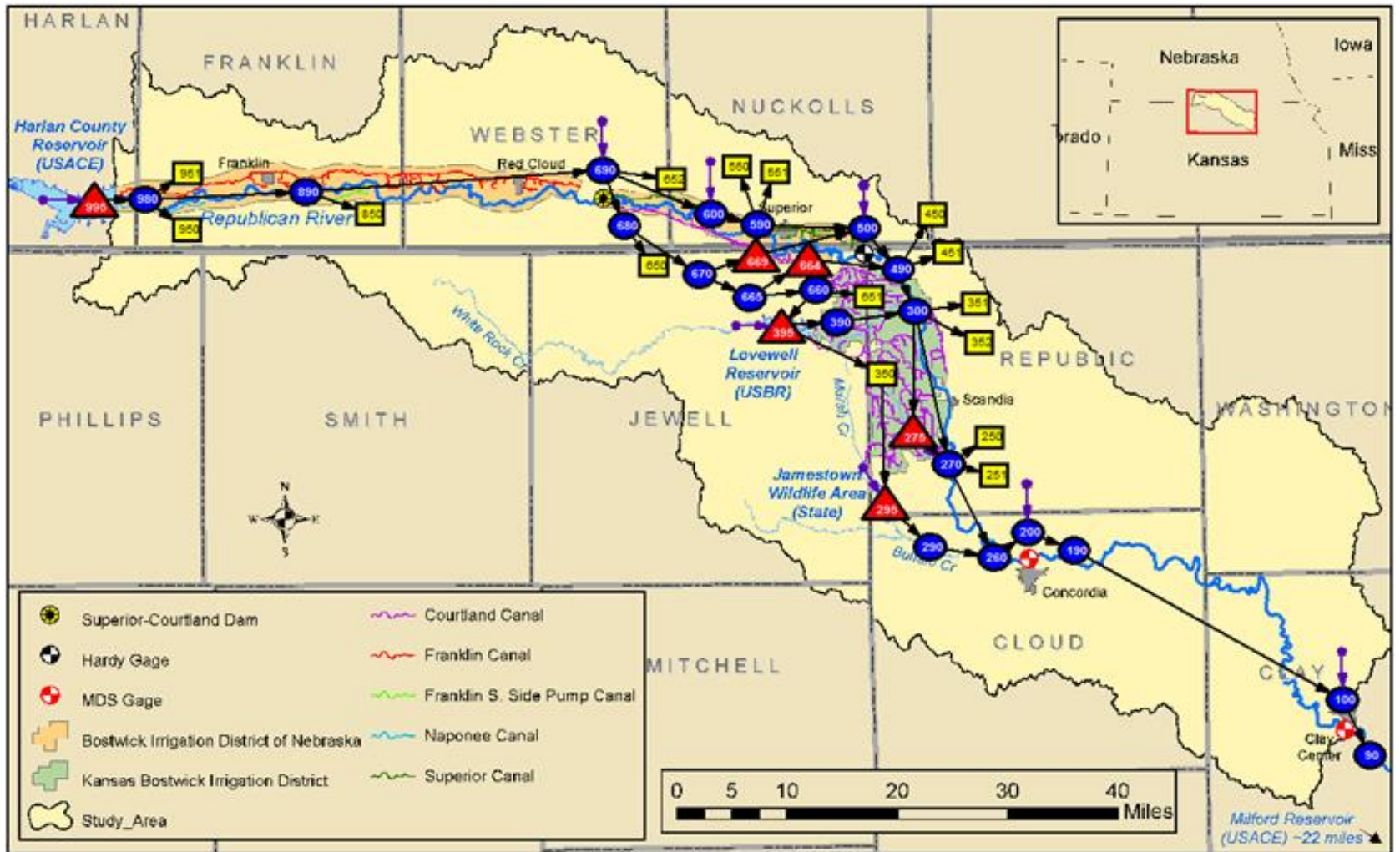
- Request for Proposal (RFP) posted Feb. 26, 2016 to April 1
  - Outside engineering firms submitted proposals
- Contract signed April 29, 2016
  - Burns & McDonnell
- Determine the feasibility of construction of four already identified multipurpose small reservoirs
- LRR Stakeholder group will submit input into Final Report
  - Report due out late April 2017

# Lower Republican River Potential Reservoir Sites



# Evaluation of Alternatives

- Contract signed January 26, 2016
  - Kansas Geological Survey
- Simulate the distribution of water resources under different management alternatives to optimize beneficial use by water rights
  - Expansion of the existing surface and groundwater computer model to evaluate development of an access district with access to water from Harlan County Reservoir and the development of new reservoir storage facilities
- Project results due mid-July of 2017



# Future Meetings

- Joint SR RAC, Access District, LRR Stakeholder meeting
  - Late April or early May
  - Discuss Final Report and Updates from KGS