MULTIPLE FUNDING RESOURCES STRATEGY

LOCAL GOVERNMENT TRANSPORTATION PROJECTS
The Devil’s Elbow Bridge (circa 1923) is located on Historic Route 66 (Teardrop Road) and spans the Big Piney River.

- It is only one mile from Interstate 44, and close to Fort Leonard Wood, MO.
- This bridge draws approximately 144,900 visitors per year.
- About 100 people reside in Devil’s Elbow and the community receives many tourists and visitors on a daily basis.
DEVILS ELBOW BRIDGE

The two-lane bridge is comprised of two 160-foot long rivet connected camel back through trusses, an 80-foot rivet connected pony truss and 172-foot long concrete approach spans. The bridge had significant deficiencies, including:

• Heavy scaling and desegregation of the deck edges with reinforcing steel showing
• Heavy rust with loss of section on outside girders
• Heavy rust on lower inside cord flange at southwest corner of bridge
• Damage to several later braces

Rehabilitation measures included:

• Repair south abutment under structure
• Repair top of piers (bearing and caps)
• Repair/replace joints
• Repair/replace guardrail
• Repair pier scour
• Clean/replace truss bearings
• Repaint structure

Total project $1.6 million
DEVILS ELBOW BRIDGE

- **Funding resources obtained**
  - $250,000 Transportation Enhancement Program
  - $24,461 USDA RBEG
  - $936,036 BRO
  - $8,000 NPS Rt 66 Preservation
  - $250,000 CDBG Disaster Funds

- **$1,468,497 Total Other Funding**

Pulaski County contributed the balance in in-kind labor, equipment and materials
The city of Salem identified the need for improvements to water, stormwater, and sewer lines along with street construction along State Route J (MacArthur Ave.) serving a primary commercial area of the city.
The city of Salem coordinated with MoDOT Central District to develop a plan to upgrade subsurface utilities followed by the reconstruction of roadbed and asphalt.

- **Total Project Cost**: $1,036,534
SALEM: MACARTHUR AVENUE

• **Funding resources used**
  - $200,000 Delta Regional Authority grant
  - $424,507 City of Salem (Portion is Cost-Share Match)
  - $272,200 MoDOT Cost Share
  - $119,827 MoDOT Engineering (Hwy J)
  - $20,000 Salem Engineering (Water/Sewer)

• **$1,036,534 Total Funding**
SALEM: MACARTHUR AVENUE

Phase I: financed by the city and DRA, replacement of 4,950 LF of water lines (varying from 2-6 inches in diameter) with 6-inch PVC lines. City crews later replaced 2,585 LF of clay pipe sewer collection line with 8-inch PVC lines, along with installing eight new manholes.
SALEM: MACARTHUR AVENUE

Phase II: financed by MoDOT/Salem, the roadway surface was rebuilt full-depth in order to correct the cross-slopes to approximately 2% and parking areas to approximately 4%.

This served to improve conditions for on-street parking and provide a better tie-in for the crossing streets in the target area grid.
CONTACT INFORMATION

Bonnie Prigge, Executive Director
Planning and Project Development Department
Kelly Sink-Blair, Manager
573-265-2993
kellysb@meramecregion.org