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.

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



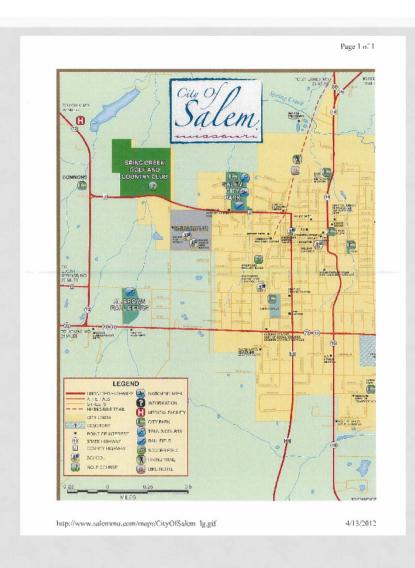
Funding resources obtained

- \$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

MoDOT

Central District Day'd T. Silvestor, District Engineer

Missouri Department of Transportation

1511 Missorti Blvd. 190. Box 713 Laffearw City, Virsum 65102 573,751 5273 Pox: 517,622,1059 .838,ASK MODOT (275,5626)

April 25, 2012

Kemp Morgan Director, Project Development and Management 236 Sharkey Ave., Suite 400 Clarksdale, MS 38614

To Director Mordan:

We support the accompanying application from the City of Salem to relocate and/or rebuilts the City-owned subsurface utilities along Macaritur Avenue (Route J) in the City of Salem. This application reflects cooperation between the City of Salem, the Meramac Regional Planning Commission, and the Missouri Department of Transportation's Central District to support economic development in a manner that also improves the safety of the traveling

Relocating and/or rebuilding these subsurface utilities is chase one of the project to rebuild islacer than Avenue. As the City seeks ways to spur the according days opment of the community, they have recognized the need to improve the condition of Macerthur Avenue for the existing industries and every day mad users but to also make the area more attractive to luting development. Please see the attachments for further explanation of the project scope and estimated costs for the proposed "Route J Rebuild" project.

Upon approval of funds from the Delta Regional Authority, the City of Salem will move forware with the relocation and/or reputid of the subsurface utilities. Concurrantly, plans development for the Macarthut Avenue rebuild will take place. We anticipate that plans will be complete this fall, and the Macarthur Avenue (Route J) rebuild will take place construction season 2013, concing funding and plans approval

It is anticipated that but for the reboild of Macarthur Avenue, it will be increasingly difficult and hazardous for traffic to flow between Route 72 and Route 32 along Route J as traffic and pedestrian valume increases.

If we may be of further assistance, please do not hesitate to contact me. My number is 573-

Preston Kramer, PE Metamec Area Engineer

Control District - Missouri Department of Transportation

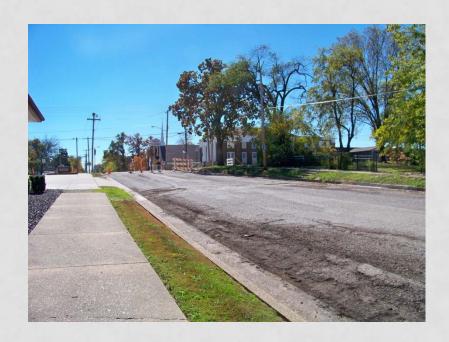


Our mission in to provide a world-class transportation experience that wyvyr,modot.org

- 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



 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 8inch PVC lines, along with installing eight new manholes.



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