



## Clayton L. Cristy, P.E. President Project Engineer

### Education:

Bachelor of Science, Civil Engineering,  
Cum Laude  
University of Missouri-Rolla December  
1992

### Registration:

Professional Engineer - Missouri,  
Oklahoma

### Affiliations:

- National Society of Professional Engineers
- Missouri Society of Professional Engineers

### Employment History

1993-1995  
MoDOT, District Seven  
Joplin, MO  
Highway Designer

### TSE Employment History

- 1995-2004, Project Engineer
- 2004-present, President

### Professional Experience

Clayton Cristy joined Tri-State Engineering, Inc. in 1995. He was named CFO in 2004. Clayton has experience in transportation engineering, municipal infrastructure design, residential subdivisions, and commercial development, water distribution, and wastewater management. Clayton represents TSE as the County Engineer and Flood Plain Administrator for Jasper County Missouri.

### Relevant Experience

#### ***Murphy Boulevard, (Route 43 to Route 66) City of Joplin***

Widening 1.5 miles of Murphy Boulevard from North Main (Rte 43) to 7th street (Rte 66) to provide for a new truck route. The corridor begins in a park area and progresses to a commercial section, before changing back to park. Signal modifications are planned at N. Main (Rte 43), 4th St. and 7th St. (Rte 66), along with widening from two lanes to a typical three. TSE provided the surveying; which included streambed-surveying necessary for hydraulics / hydrology study and right of way plans.

#### ***Rte I-44 Weigh-in-motion***

Design-build services for an Active and Passive Automatic Vehicle Identification site with a Weigh-in-Motion Scale located on Interstate 44 near the Oklahoma state line.

The identification and scale site:

- Automatically gathers crucial data,
- Shortens the time required to weigh tractor-trailer units,
- Improves safety around scale houses.

#### ***Centennial and Garrison***

Clayton designed a fully actuated eight phase signalized intersection at Centennial Avenue and Garrison. The project involved widening of approaches from four directions, straightening the skew on the Garrison approaches as right-of-way permitted, increased turning radii, and drainage improvements.

#### ***Vine Street and River Street***

Clayton completed plans and specifications for the realignment and widening of the Vine Street and River Street intersections with Rte 96.

#### ***Missouri Avenue, MoDOT District 9***

Clayton completed Right-of-Way Plans and Preliminary Traffic Signal Plans for Missouri Avenue, in Pulaski County. The project improved the two-mile corridor between I-44 and Ft. Leonard Wood in St. Robert, MO.

#### ***Leggett and Platt, Inc***

Design of a new 1200', 3-lane plant access road to their wire mill facility. This work included a 12" thick asphalt typical section.

#### ***Central and River Street***

Realignment of the Central and River Street intersection and the improvement of turn radii for heavy truck traffic.

#### ***Hike/Bike Trail, Lockwood, MO***

Clayton designed an eight-foot wide asphalt hike/bike trail along Rt. 160, from the west side of town, to the City Park, in the Center of town. The trail is more than 2000' long, (approximately 6 blocks) and required significant drainage improvements to replace the existing drainage ditch.