Jared Carey
Director of Emerging Technologies

Education:

Commercial Graphics Major

Pittsburg State University

2001-2004

GIS Coursework

Roosevelt University (Spring 2010)

University of West Florida (Spring 2011 through Fall 2011)

Employment History:

2007 to 2008, The Oaksmith, Inc.

Vice President, Project Manager

2003 to 2007, The Bigger Image

Owner, Designer, Photographer

Years Experience:

7 years

Years with TSE:

3 years

Professional Experience:

Jared Carey is a GIS project manager for Tri-State Engineering, Inc. He joined the company in July 2007. Jared has developed GIS Maps for several private and public sector clients. He is swiftly gaining an experienced knowledge of GIS with increased market demand as the industry continues to evolve.

Jared's supportive tasks include georeferencing historic maps, correcting parcels and street centerlines, training clients in the use of GIS, working with open-source alternatives of GIS, water modelling, watershed delineation, and geographic forensic analysis.

Relevant Experience:

Water

Jared has converted CAD drawings, paper maps, and GPS attributes of existing water system networks into GIS data layers. He has worked with two Rural Water Districts in bringing their water systems into a digitized format. Now these systems can update, change and grow while keeping their system mapped accurately for future reference.

GIS Applications

For the ***City of Webb City, MO***, many review maps were created for multiple projects to better determine the best approach at solving each issue. Example attributes include USGS contours, 911 roads, schools, and parcels.

For the ***Downstream Casino Authority***, Jared used GIS to combine aerial imagery, USGS contours, and surrounding parcels to facilitate rapid planning, development, and construction of a dual-lane roundabout at the entrance of casino. Dozens of maps were created of surrounding areas with property boundaries and nearby roads to allow the casino to review property management and expansion at a rate needed to handle their customer's growing needs.

For the ***City of Pryor, OK,*** Jared used GIS to create a street inventory network. This GIS map was examined to assess the costs of improving weakening pavement. Using ortho-rectified aerial imagery, approximate street lengths were calculated in GIS to find over 22 miles of needed improvements.