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## PINE BLUFF/UPRR BRIDGE ELECTRICAL & CONTROL SYSTEM

**CONTRACT NO / AWARD DATE:**

1417401 / January 24, 2014

KECI NO 13-1232

**JOB SITE LOCATION:**

Pine Bluff, Arkansas

Jefferson County, Arkansas

**OWNER:**

Union Pacific Railroad

1400 Douglas St. Stop 0750

Omaha, NE 68179-0750

*Point of Contact:* Pana Bittner

T 402.544.5312

F 402.501.3304

**GENERAL CONTRACTOR:**

OCCI, Inc

3200 County Road 257

Fulton, MO 65251

*Project Manager:* Doug Kolb

T 573.642.6087

F 573.642.1419

**SUBCONTRACTOR:**

Koontz Electric Co, Inc.

1223 E Broadway

Morrilton, AR 72110

*Project Manager:* Jamie Zimmerman

T 501.242.6135

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**COMPLETION DATE:**

February 2015

**CONTRACT AMOUNT:**

\$1,916,593

**SCOPE OF WORK:**

Koontz Electric Company, Inc. refurbished, installed, tested, and adjusted Union Pacific Railroad's bridges electrical and control system spanning across the Arkansas River near Pine Bluff, Arkansas. This project was a total electrical and control replacement project with minor interruptions to rail and boat traffic. This project included the following features of work:

- (1) 230-KW, 480/277-volt, standby diesel generator
- (1) 400-amp Automatic transfer switch
- (1) 600-amp 480-volt motor control center
- (4) Electrical panel boards
- TVSS units
- (1) Allen Bradley power monitor
- (2) Cable Reels
- (4) Allen Bradley flux Variable frequency drives
- (4) motor encoders
- (4) Allen Bradley Control Logix Programmable Logix Controllers
- (1) Allen Bradley Ethernet switch
- (1) Custom constructed PLC cabinet
- (1) Custom constructed operator control console
- (2) Inclinometers
- (30) Limit Switches
- (4) Proximity switches
- (2) Resolvers
- LED Light fixtures
- Navigational light fixtures
- Extra flexible aerial power and control cables
- Grounding system
- Computer Programming

